

SERVICE MANUAL

EX2T CHASSIS

MODEL	COMMANDER	DEST.	MODEL	COMMANDER	DEST.
KLV-26S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, ME, Philippines, Russia, South Africa, Thailand	KLV-32S550A/L (Blue)	RM-GA016 & ~~RM-GA016W~~	GE, ME, Philippines, Russia, South Africa
KLV-32S530A	RM-GA016 & ~~RM-GA016W~~	ME, Thailand	KLV-32S550A/T (Brown)	RM-GA016 & ~~RM-GA016W~~	GE, ME, Philippines, Russia, South Africa
KLV-32S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, Iran, ME, New Zealand, Philippines, Russia, South Africa, Thailand Tunisia	KLV-37S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, Iran, ME, Thailand, Tunisia Philippines, Russia,



TABLE OF CONTENTS

<u>Section Title</u>	<u>Page</u>	<u>Section Title</u>	<u>Page</u>
1. SAFETY NOTES		7. DIAGRAMS	
1-1. Caution Handling of LCD Panel	3	7-1. Block Diagram	24
1-2. Safety Check Out	3	7-1-1. BT2 Board	24
1-3. Leakage Test	3	7-1-2. GT3 Board (Except 37S550A)	27
1-4. WARNING !	3	7-1-3. HT1 Board	29
1-5. Lead Free Information	4	7-2. Connector Diagram	30
2. SELF DIAGNOSTIC FUNCTION		7-2-1. KLV-26S550A	30
2-1. Overview of Control Buttons	5	7-2-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T	31
2-2. LED Display Specification	5	7-2-3. KLV-37S550A	31
2-3. LED Display Control	5	7-3. Circuit Board Location	32
2-4. LED Pattern	5	7-3-1. KLV-26S550A	32
2-5. Viewing the Service Diagnosis Display	5	7-3-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T	32
2-6. Standby LED Error Display	6	7-3-3. KLV-37S550A	33
2-7. Triage Chart	6	7-4. Schematic Diagram Information	34
3. TROUBLE SHOOTING	7	7-5. Printed Wiring Boards	34
4. DISASSEMBLY		7-6. Semiconductor	34
4-1. KLV-26S550A	8	8. EXPLODED VIEWS	
4-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T	9	8-1. KLV-26S550A	35
4-3. KLV-37S550A	10	8-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T	37
5. WIRE DRESSING		8-3. KLV-37S550A	39
5-1. KLV-26S550A	12	9. ELECTRICAL PARTS LIST	
5-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T	15	9-1. KLV-26S550A	41
5-3. KLV-37S550A	18	9-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T	41
6. SERVICE ADJUSTMENTS		9-3. KLV-37S550A	42
6-1. Accessing Diagnostic Menu	21		
6-2. Viewing the Service Mode Display	21		
6-3. Control Keys Via Remote Commander	21		
6-4. Adjustment Method	21		
6-5. Table 1	23		
6-6. Board & Panel Replacement	23		

OPERATING INSTRUCTIONS

SECTION 1 SAFETY NOTES

1-1. Caution Handling of LCD Panel

When installing the LCD Panel, make sure you are grounded with a wrist band.

When installing the LCD Panel on the wall, the panel must be secured using the 4 mounting holes on the rear cover.

- 1) Do not press the panel or frame edge to avoid the risk of electric shock.
- 2) Do not scratch or press on the panel with any sharp objects.
- 3) Do not leave the module in high temperature or in areas of high humidity for an extended period of time.
- 4) Do not expose the LCD panel to direct sunlight.
- 5) Avoid contact with water. It may cause short circuit within the module.
- 6) Disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms)
- 7) Always clean the LCD panel with a soft cloth material.
- 8) Use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short circuit.
- 9) Protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

1-2. Safety Check-Out

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:-

- 1) Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
- 2) Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- 3) Check all control knobs, shields, covers, ground straps and mounting hardware have been replaced. Be absolutely certain you have replaced all the insulators.
- 4) Look for unauthorized replacement parts, particularly transistors that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- 5) Look for parts which, though functioning show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- 6) Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
- 7) Check the antenna terminals, metal trim, "metallized" knobs, screws and all other exposed metal parts for AC leakage. Check leakage test as described next.

1-3. Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis must not exceed 0.5mA (500 microamperes). Leakage current can be measured by any one of the three methods:-

1. A commercial leakage tester such as the SIMPSON 229 or RCA WT-540A. Follow the manufacturers instructions to use those instructions.
2. A battery-operated AC milliammeter. The DATA PRECISION 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery operated AC voltmeter. The 'limit' indication is 0.75V so analog meters must have an accurate low voltage scale. The SIMPSON'S 250 and SANWA SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2 VAC range are suitable. (see Figure 1.)

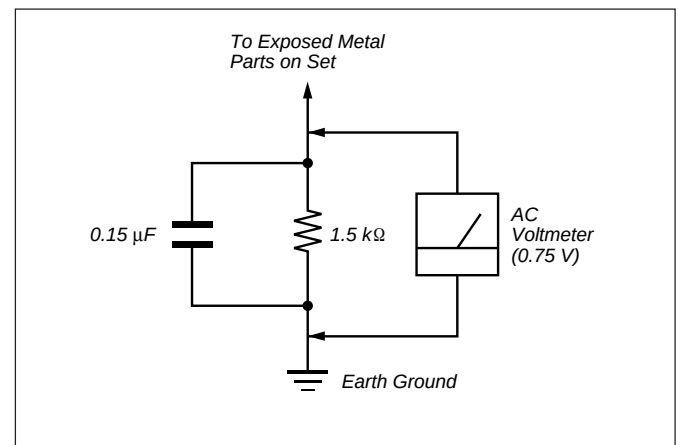


Figure 1. AC voltmeter to check AC leakage

1-4. WARNING !

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK $\triangle$ ON THE EXPLODED VIEWS ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

1-5. Lead Free Information

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation.



Figure 2: LF logo

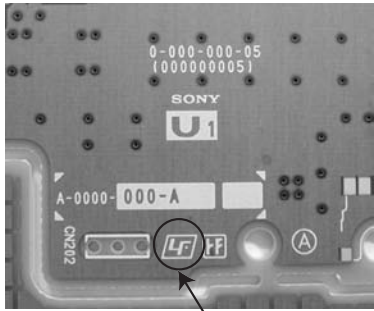


Figure 3: LF logo on circuit board

The servicing of these boards requires special precautions. It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers:-

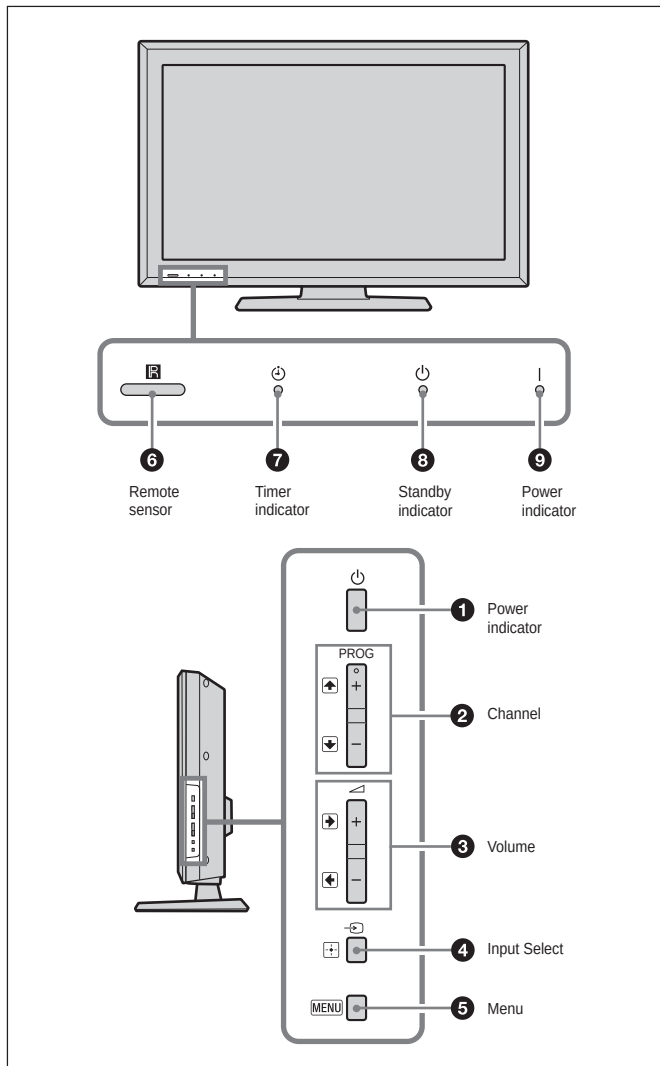
Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to high melting point of Lead Free Solder, the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

SECTION 2 SELF DIAGNOSTIC FUNCTION

2-1. Overview of Control Buttons



2-2. LED Display Specification

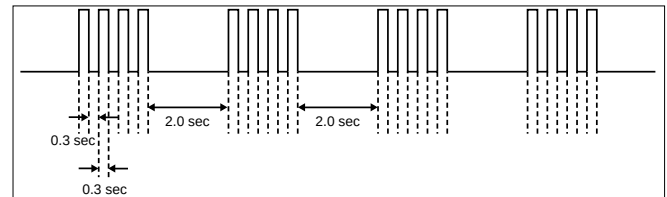
LED Type	Description	Remark
POWER	Green: One LED	Green lights at power ON.
STANDBY	Red: One LED	Red lights during standby.
Timer	Amber : One LEDs	Amber lights during Timer activation.

2-3. LED Display Control

Status	Display		Remark
	Power LED	Standby LED	
POWER ON	Green lights	OFF	Microcomputer is in a normal state.
STANDBY	OFF	Red lights	Microcomputer is in a sleep state.
Failure	OFF	Red flashes	Classify the trouble causes by the no. of red blinking.

2-4. LED Pattern

When safety shutdown occurs, Standby LED display reports the cause by using the blinking patterns as indicated below.

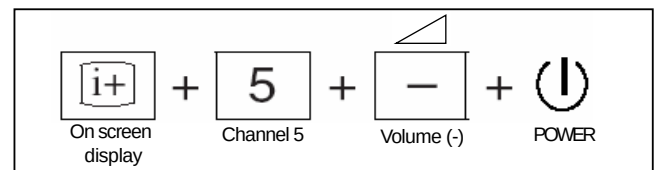


Example:

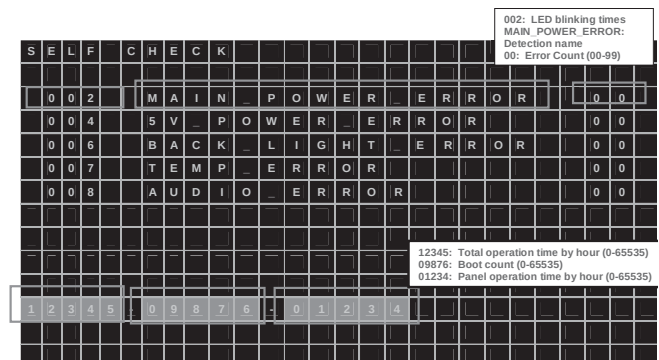
The figure above shows LED display when SHUTDOWN is caused by audio failure. It repeats flashing for a specified number of times in 0.3sec/ cycle and has a 2 seconds interval of lighting off. Please note that a 2 seconds interval of lighting off is fixed regardless of abnormal state types.

2-5. Viewing the Service Diagnosis Display

- While TV on standby mode, press the following sequence on the Remote commander.



(if wrong key is pressed or passed 3 seconds during each process, cancel entering the self-diagnosis display.)



- To Exit, press the <I/ON> key.

2-6. STANDBY LED ERROR DISPLAY

Blinking times	Detection items	Countermeasure
2	Main power failure	Replace either/both ● BT2 board ● G4T board (37") ● GT3 board (26"/32")
4	5V power failure	Replace BT2 board.
8	Audio failure	Replace either/board. ● BT2 board ● G4T board (37") ● GT3 board (26"/32") ● Speaker ● Woofer
6	Back light failure	Replace either/board. ● BT2 board ● G4T board (37") ● GT3 board (26"/32")
7	Internal temperature failure	Replace either/both ● G4T board (37") ● GT3 board (26"/32")

Note: Each of the above blinking repeats every 2 seconds.

2-7. Triage Chart

Please refer page 46 for Triage Chart.

SECTION 3 TROUBLE SHOOTING

Please refer page 47~50 for Trouble Shooting.

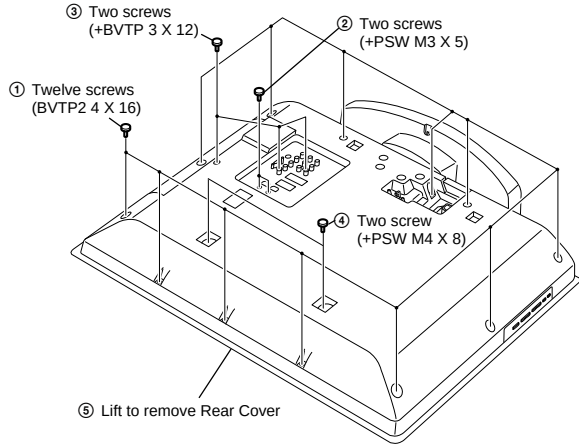
SECTION 4 DISASSEMBLY

Note:

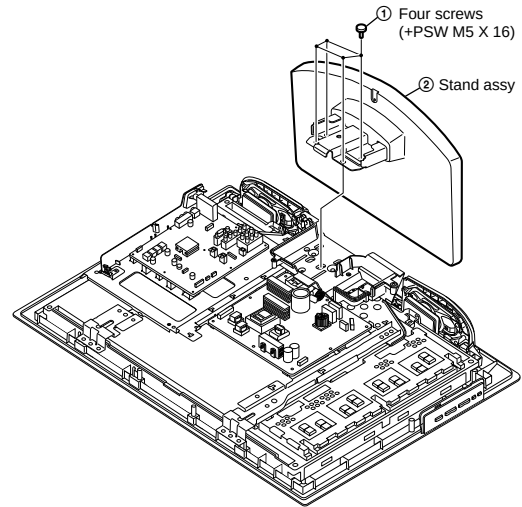
- 1) The illustrations provided in this section might have slight difference from actual sets.
- 2) Refer to Removal & Installation of Rear Cover and Switch Unit Procedure in Section 1 Safety Notes.

4-1. KLV-26S550A

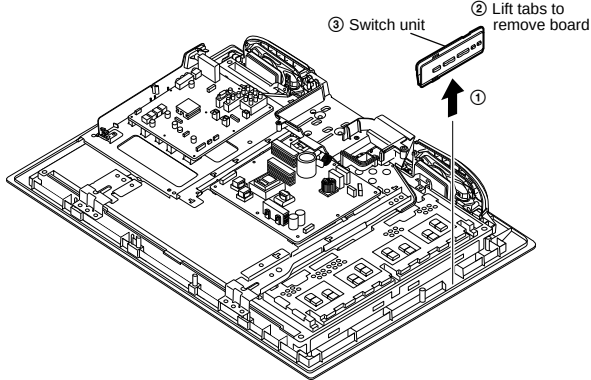
4-1-1. Rear Cover Removal



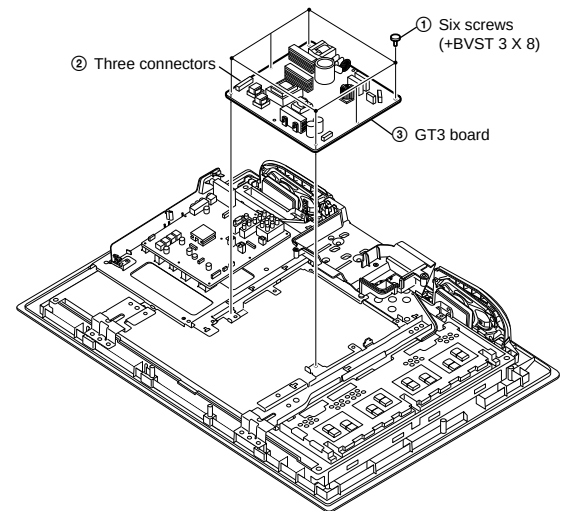
4-1-2. Stand Assy Removal



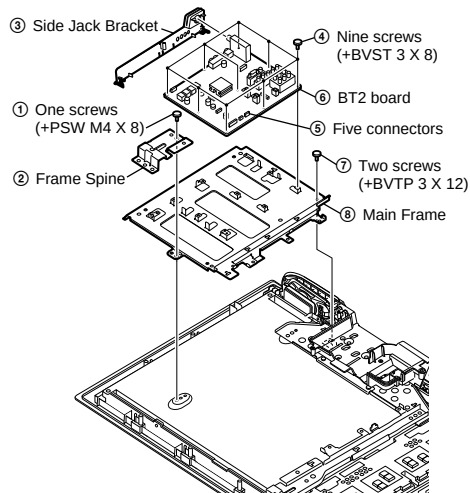
4-1-3. Switch Unit Removal



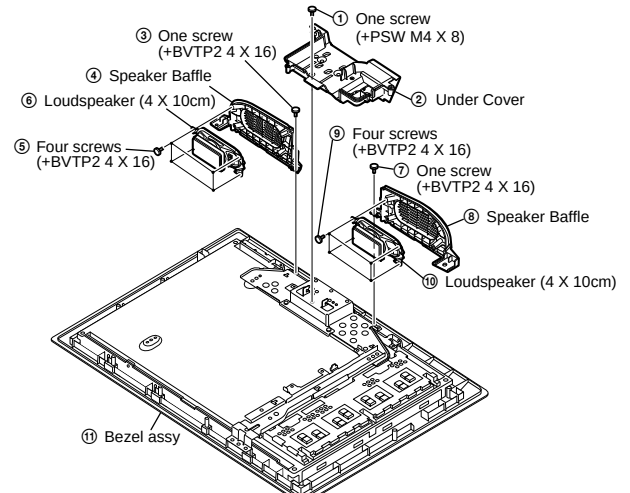
4-1-4. GT3 Board Removal

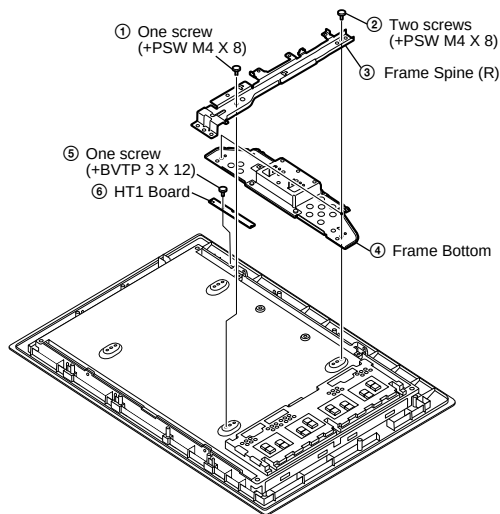
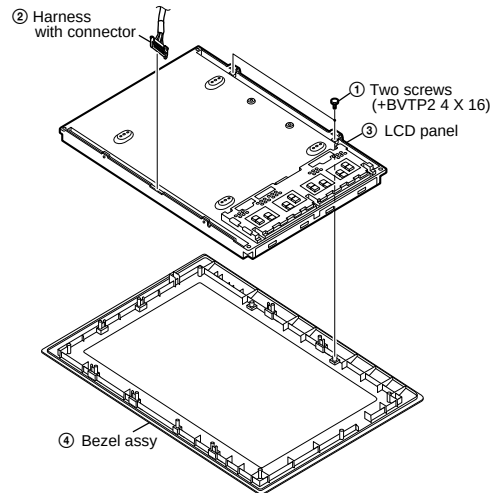
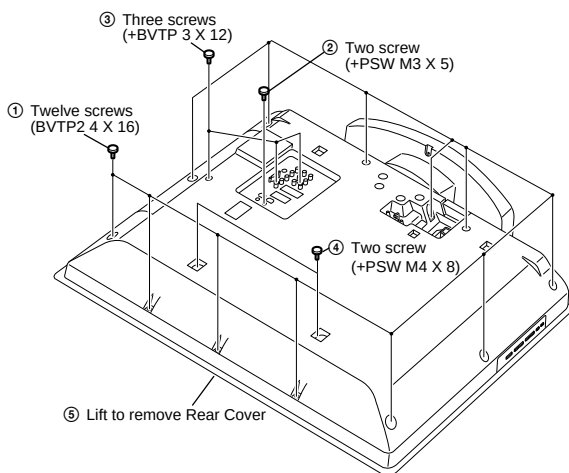
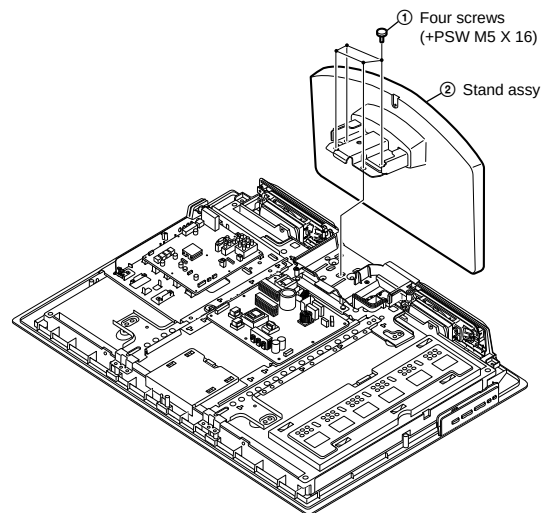
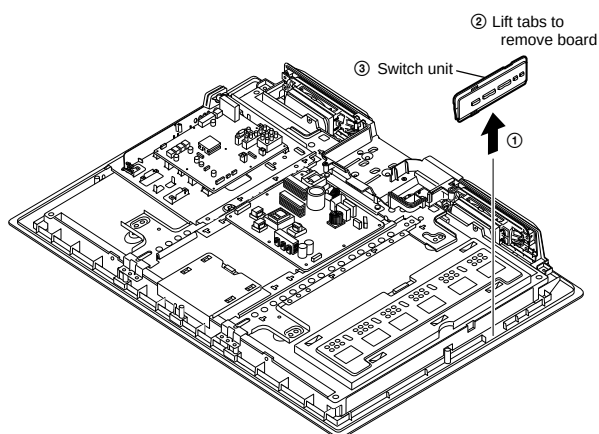
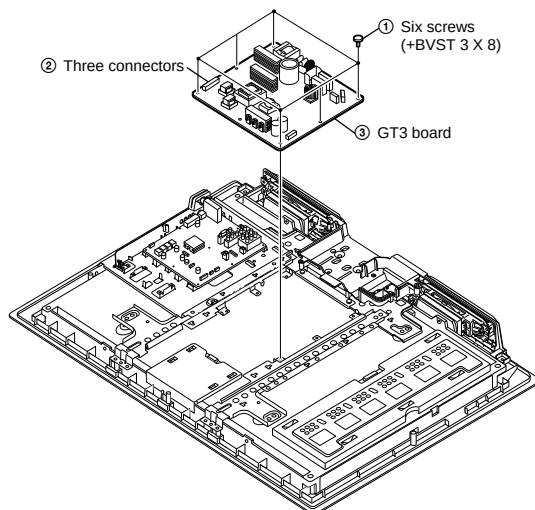


4-1-5. BT2 Board Removal

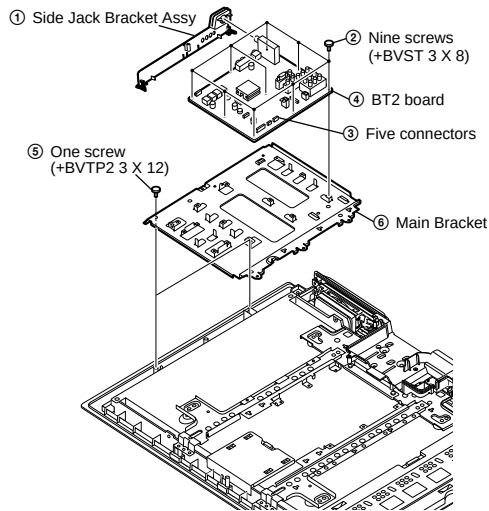


4-1-6. Speaker and Bracket Removal

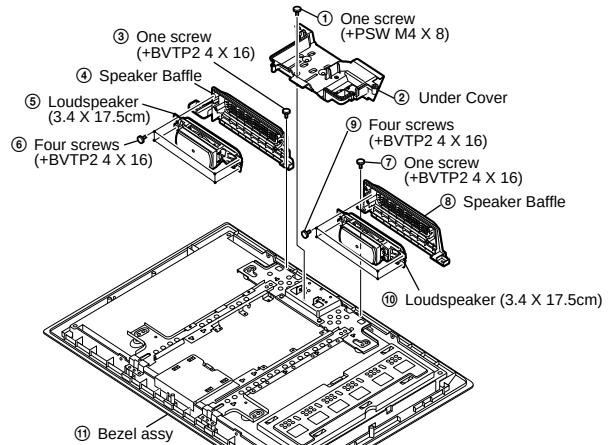


4-1-7. Vesa Frame Removal**4-1-8. LCD Panel Bezel Assy Removal****4-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T****4-2-1. Rear Cover Removal****4-2-2. Stand Assy Removal****4-2-3. Switch Unit Removal****4-2-4. GT3 Board Removal**

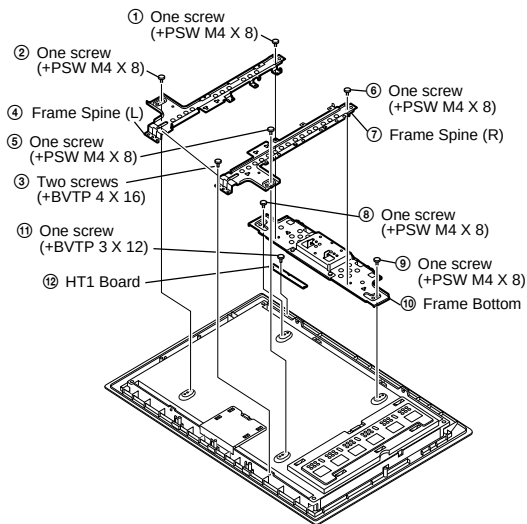
4-2-5. BT2 Board Removal



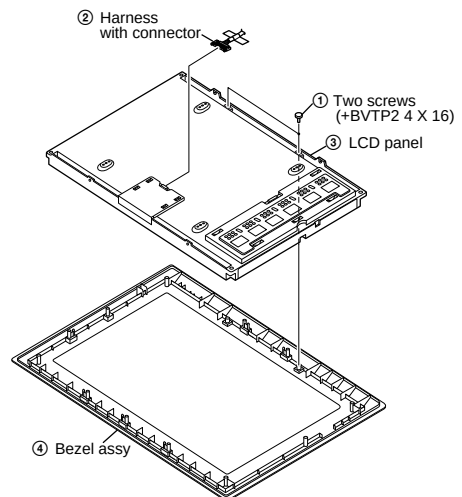
4-2-6. Speaker and Bracket Removal



4-2-7. Vesa Frame Removal

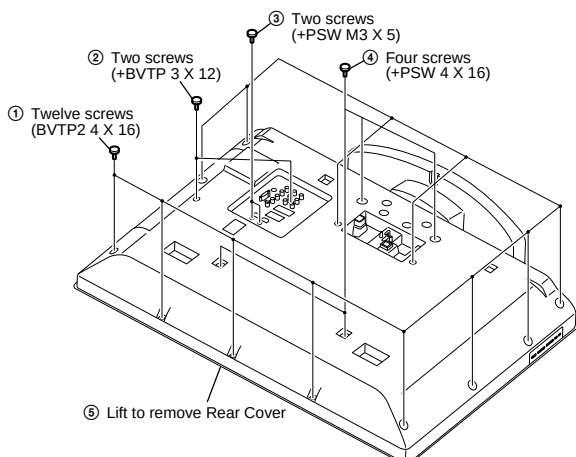


4-2-8. LCD Panel Bezel Assy Removal

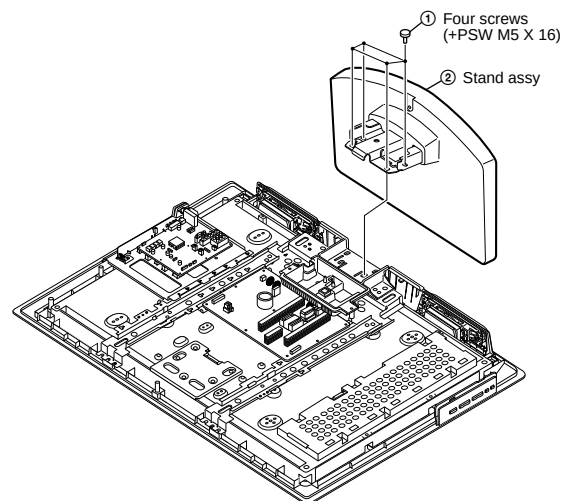


4-3. KLV-37S550A

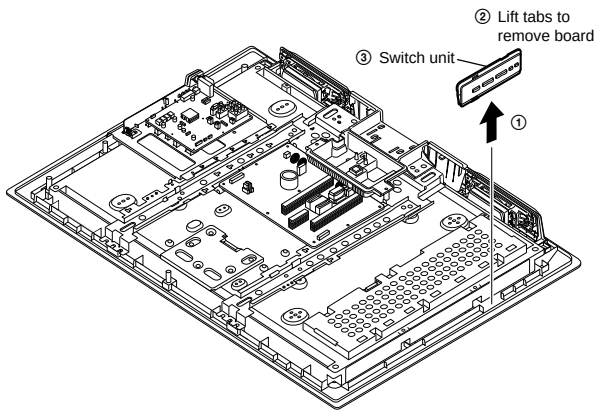
4-3-1. Rear Cover Removal



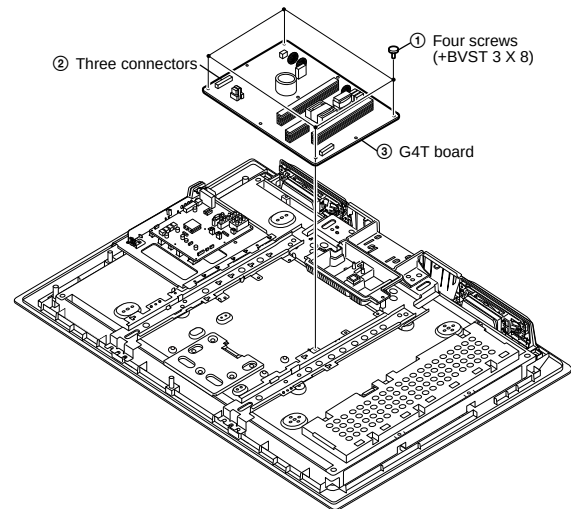
4-3-2. Stand Assy Removal



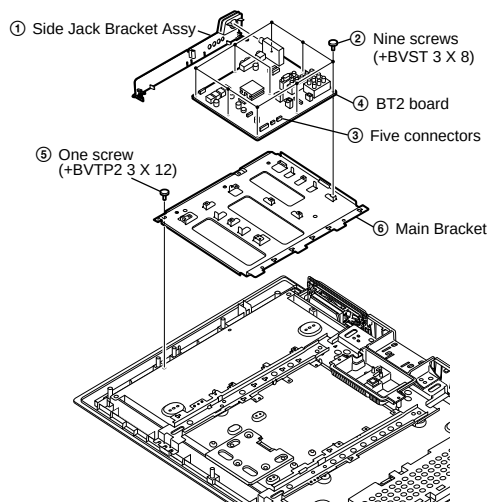
4-3-3. Switch Unit Removal



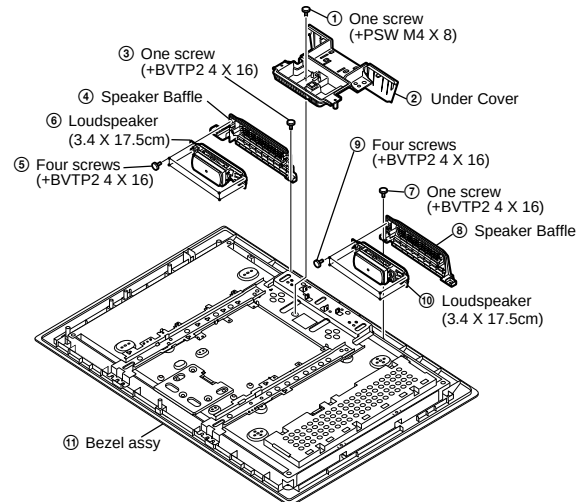
4-3-4. G4T Board Removal



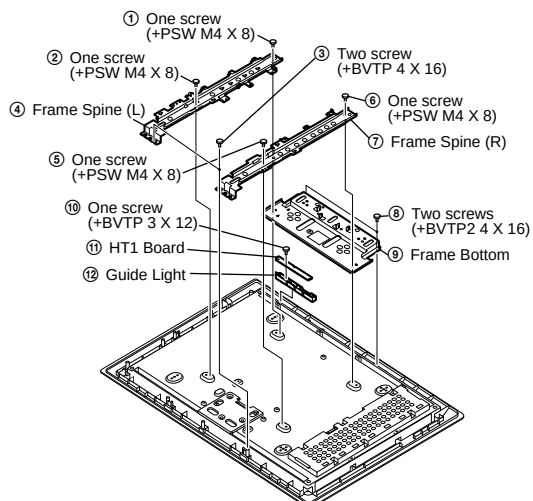
4-3-5. BT2 Board Removal



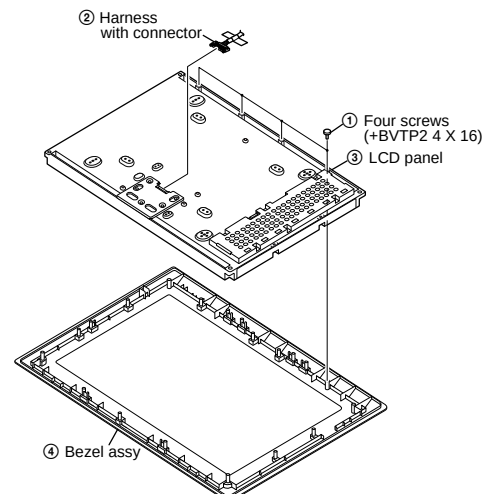
4-3-6. Speaker and Bracket Removal



4-3-7. Vesa Frame Removal



4-3-8. LCD Panel Bezel Assy Removal



SECTION 5 WIRE DRESSING

CAUTION :

1. Do not overpull the wires during dressing
--> avoid disconnection of wires.
2. Make sure wires are kept away from sharp edges, heatsinks & other high-temperature parts.

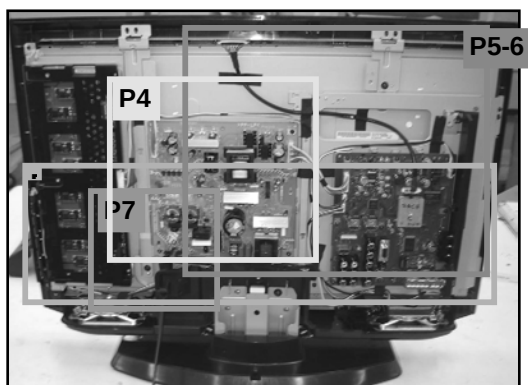
Legend:



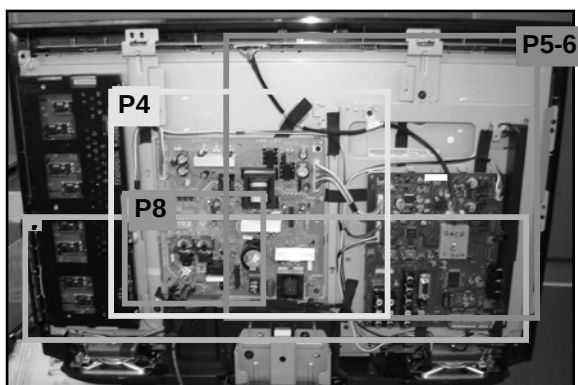
5-1. KLV-26S550A

5-1-1. Wire Dressing overview.

Non CISPR model

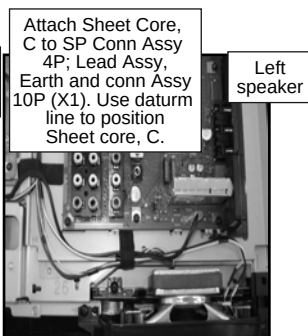
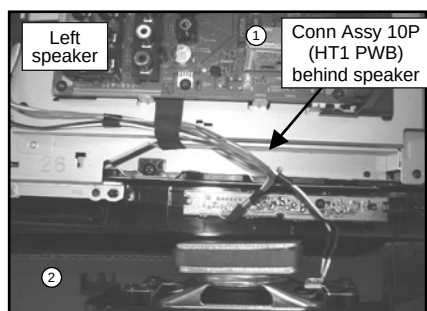


CISPR model

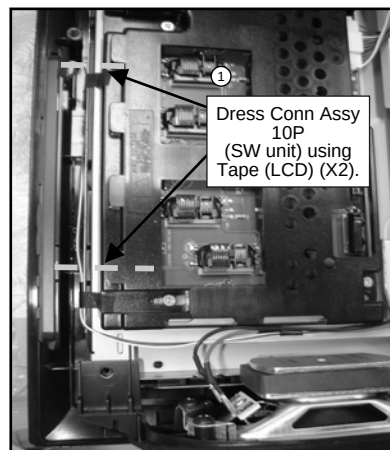


5-1-2. Insert Connector Assy 10p and Speaker Connector Assy 4P.

- 1) Insert Connector Assy 10P to HT1 PWB. Attach HT1 PWB to Light Guide on Bezel.
- 2) Insert SP Conn Assy 4P to speaker as shown. Attach Sheet Core, C (X1) as shown.

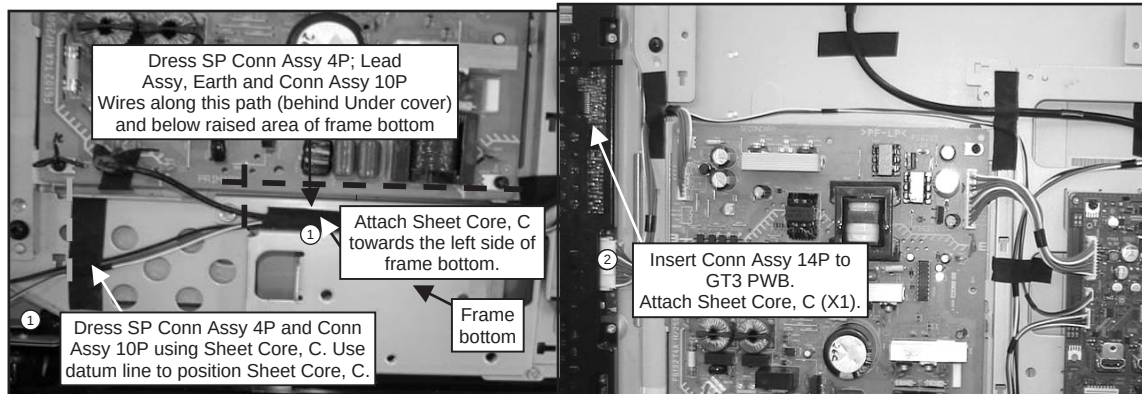


- 3) Insert Connector Assy 10P to SW unit. Attach SW unit to Bezel and dress with Tape (LCD) (X2).



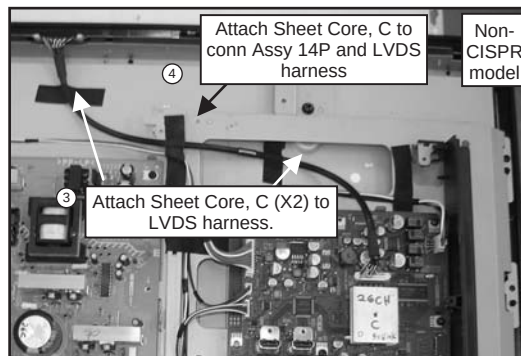
5-1-3. Insert Connector Assy 14P

- 1) Attach Sheet Core, C (X2) to frame bottom as shown.
- 2) Insert Conn Assy 14P to inverter and GT3 PWB as shown. Attach Sheet Core, C as shown.



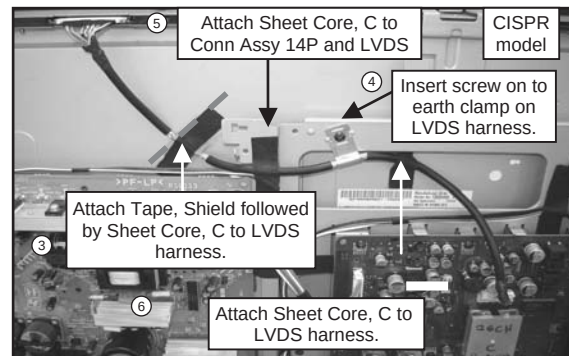
For Non-CISPR models

- 3) Attach Sheet Core, C (X2) to LVDS harness.
- 4) Attach Sheet Core, C to Connector Assy 14P and LVDS harness.



For CISPR models

- 3) Attach Tape, Shield followed by Sheet Core, C on to LVDS harness.
- 4) Insert screw on to earth clamp on LVDS harness.
- 5) Attach Sheet Core, C to Connector Assy 14P and LVDS harness.
- 6) Attach Sheet Core, C on to LVDS harness



Note: When inserting LVDS harness to panel, make sure it is fully inserted and in the correct direction as shown.

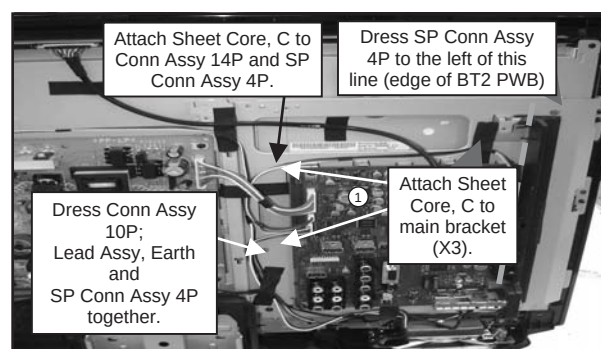
OK



NG



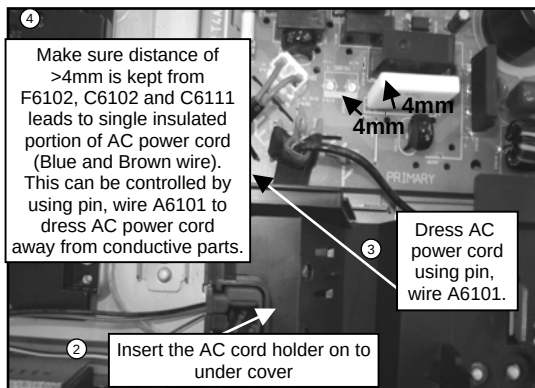
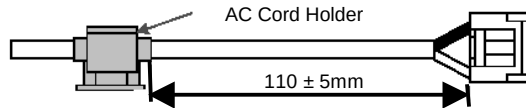
5-1-4. Attach Sheet Core, C (X3) to main bracket as shown.



5-1-5. Power Cord Wire Dressing

Non CISPR model

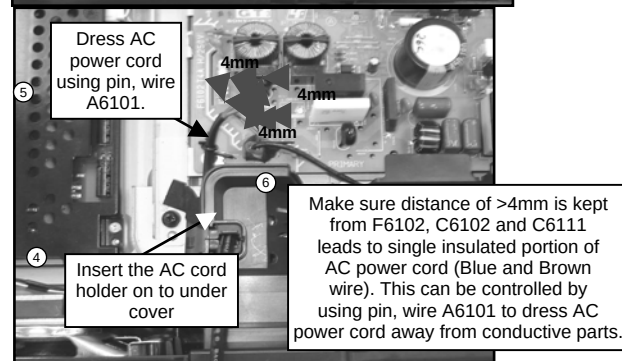
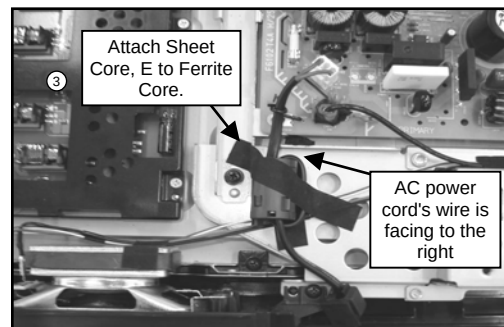
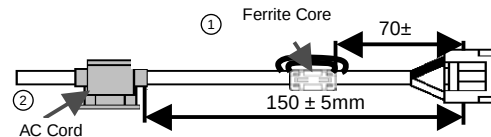
- 1) Install AC cord holder to AC power cord at specified position as shown.
- 2) Then install the AC power cord with holder on to under cover.
- 3) Lastly, dress AC power cord using pin, wire A6101 as shown.
- 4) Keep the AC power cord away from surrounding parts.



Caution:
1. Ensure that AC power cord is not stressed whilst inserting it into AC cord bracket.

CISPR model

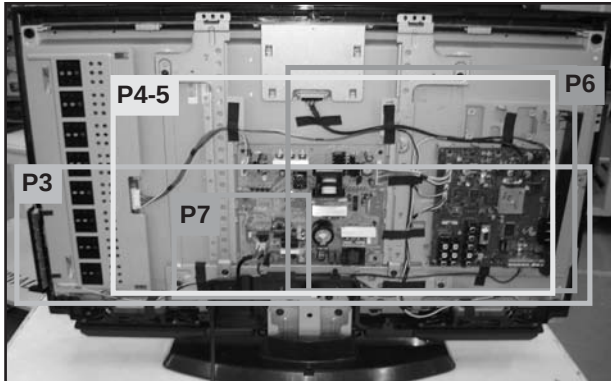
- 1) Install Ferrite core to AC power cord at specified position as shown.
- 2) Install AC cord holder to AC power cord at specified position as shown.
- 3) Attach Sheet Core, E to Ferrite Core and frame bottom.
- 4) Then install the AC power cord with holder on to under cover.
- 5) Lastly, dress AC power cord using pin, wire A6101 as shown.
- 6) Keep the AC power cord away from surrounding parts.



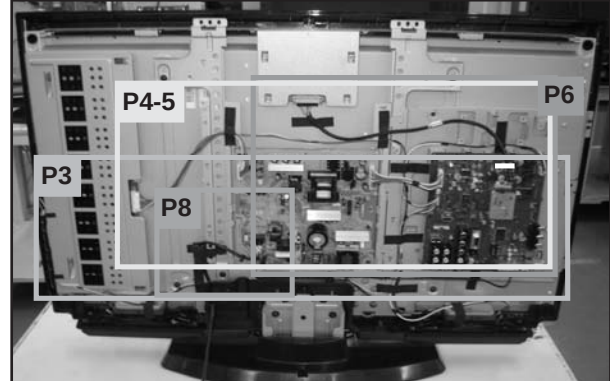
5-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T

5-2-1. Wire Dressing overview .

Non-CISPR model



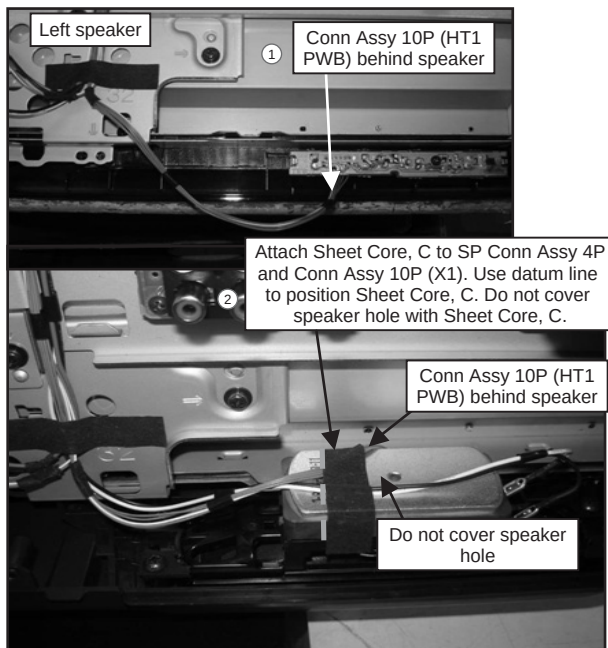
CISPR model



5-2-2. Insert Connector Assy 10P and SP Connector Assy 4P

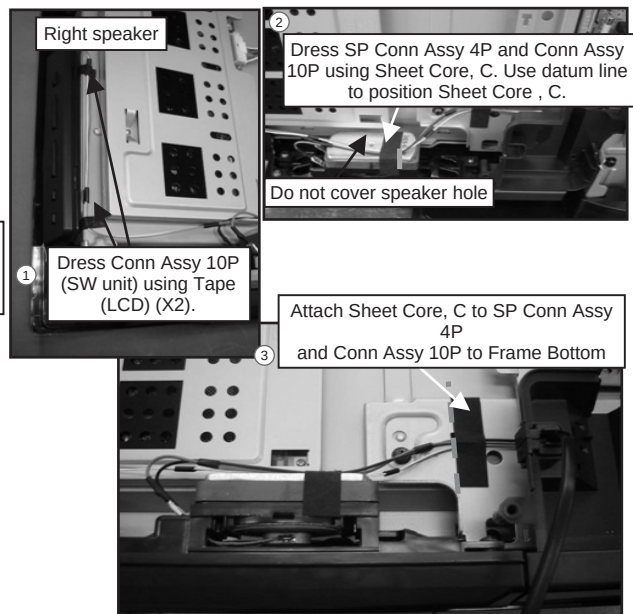
Left Speaker

- 1) Insert Connector Assy 10P to HT1 PWB. Attach HT1 PWB to Light Guide on Bezel.
- 2) Insert SP Conn Assy 4P to speaker as shown. Attach Sheet Core, C (X1) as shown.



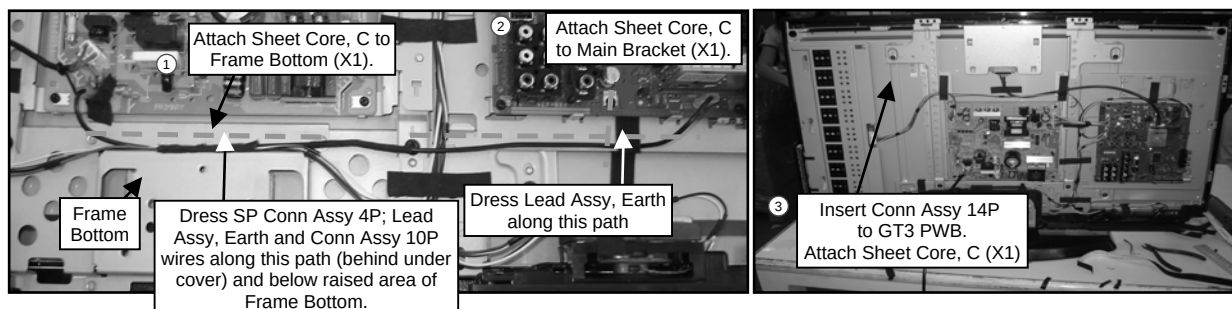
Right Speaker

- 1) Insert Connector Assy 10P to SW unit. Attach SW unit to Bezel and dress with Tape (LCD) (X2).
- 2) Insert SP Conn Assy to speaker and attach Sheet Core, C as shown.
- 3) Attach Sheet Core, C to Frame Bottom as shown.



5-2-3. Attach C Sheet Core and Insert Connector Assy 14P

- 1) Attach Sheet Core, C to frame bottom as shown.
- 2) Attach Sheet Core, C to main bracket as shown.
- 3) Insert Conn Assy 14P to inverter and GT3 PWB as shown. Attach Sheet Core, C as shown.

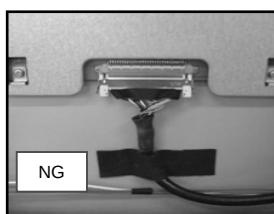
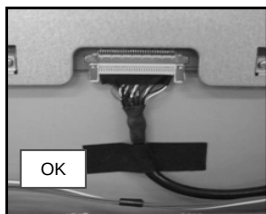
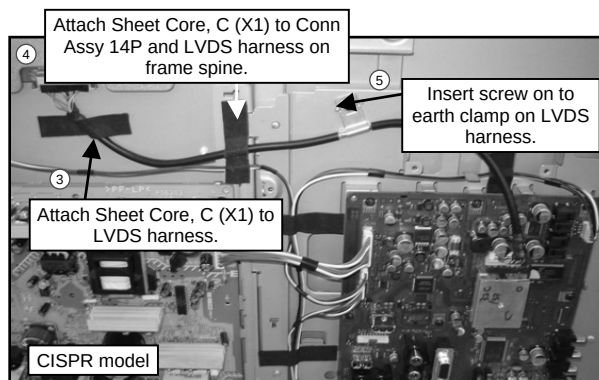
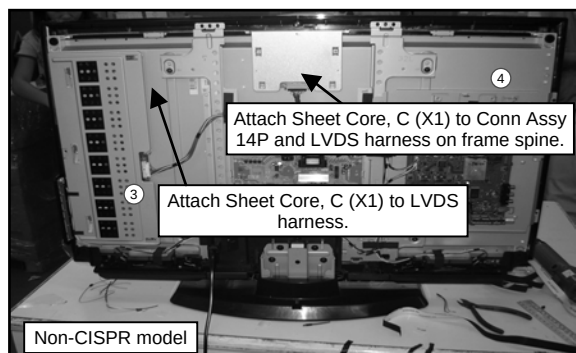


For all models

- 3) Attach Sheet Core, C to LVDS harness.
- 4) Attach Sheet Core, C to Connector Assy 14P and LVDS harness.

For CISPR models only

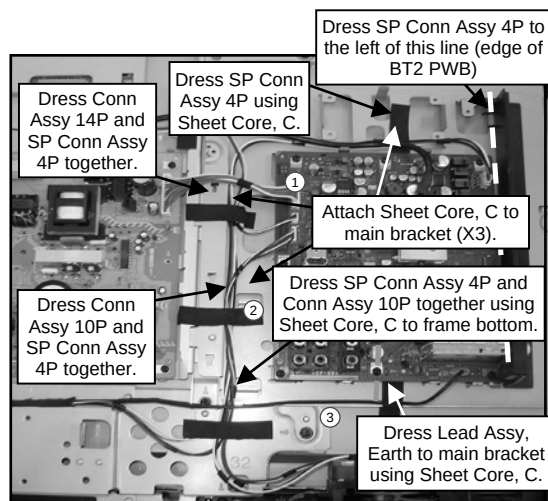
- 5) Insert screw on to earth clamp on LVDS harness.



Note: When inserting LVDS harness to panel, make sure it is fully inserted and in the correct direction as shown.

5-2-4. Attach C Sheet Core to Main Bracket and Frame Bottom

- 1) Attach Sheet Core, C (X3) to main bracket as shown.
- 2) Attach Sheet Core, C (X1) to frame bottom as shown.
- 3) Attach Sheet Core, C (X1) to main bracket as shown.

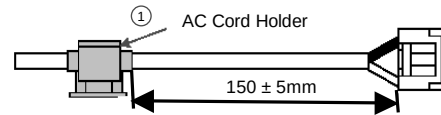
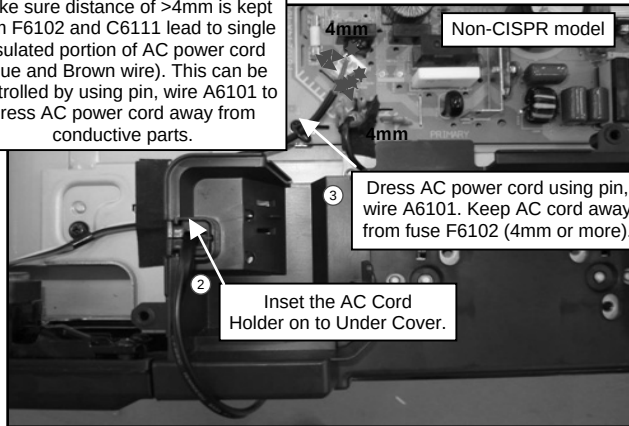


5-2-5. AC Power Cord Wire Dressing

Non-CISPR model

- 1) Install AC cord holder to AC power cord at specified position as shown.
- 2) Then install the AC power cord with holder into under cover.
- 3) Lastly, dress AC power cord using pin, wire A6101 as shown.
- 4) Keep the AC power cord away from surrounding parts.

Make sure distance of $>4\text{mm}$ is kept from F6102 and C6111 lead to single insulated portion of AC power cord (Blue and Brown wire). This can be controlled by using pin, wire A6101 to dress AC power cord away from conductive parts.

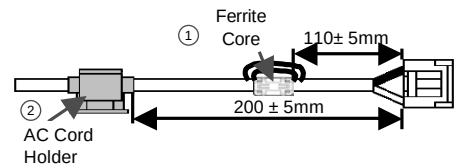
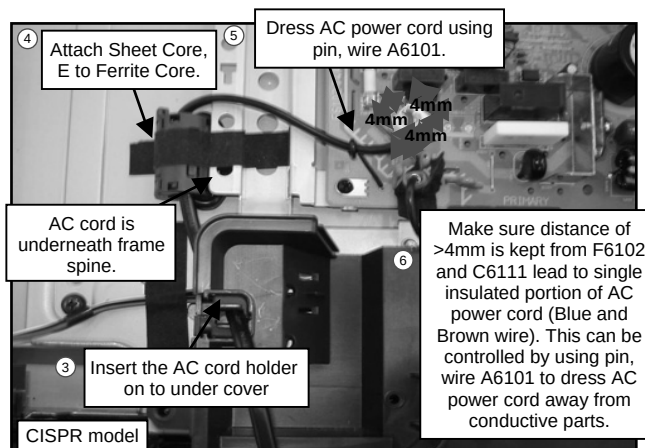


Caution:

1. Ensure that AC power cord is not stressed whilst inserting it into AC cord bracket.

CISPR model

- 1) Install Ferrite core to AC power cord at specified position as shown.
- 2) Install AC cord holder to AC power cord at specified position as shown.
- 3) Then install the AC power cord with holder into under cover.
- 4) Attach Sheet Core, E to Ferrite Core. Place AC cord underneath frame spine.
- 5) Dress AC power cord using pin, wire A6101 as shown.
- 6) Lastly, keep the AC power cord away from surrounding parts.



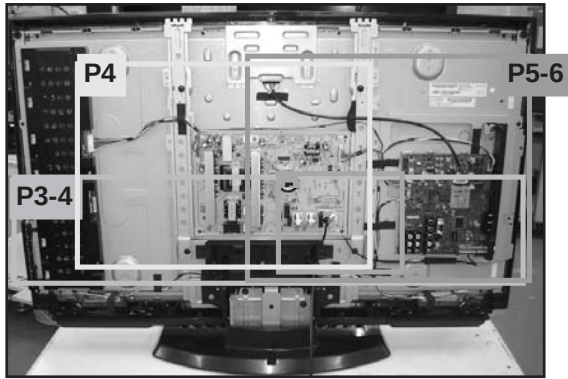
Caution:

1. Ensure that AC power cord is not stressed whilst inserting it into AC cord bracket.

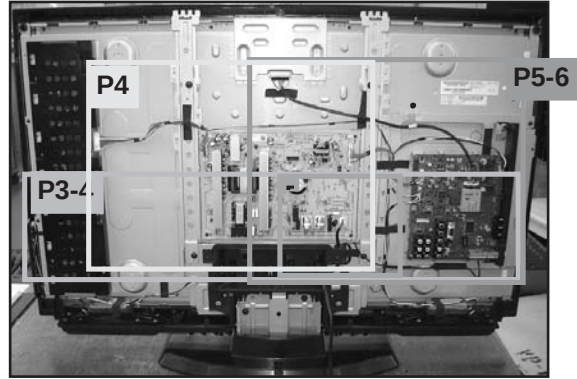
5-3. KLV-37S550A

5-3-1. Wire Dressing overview.

Non-CISPR model

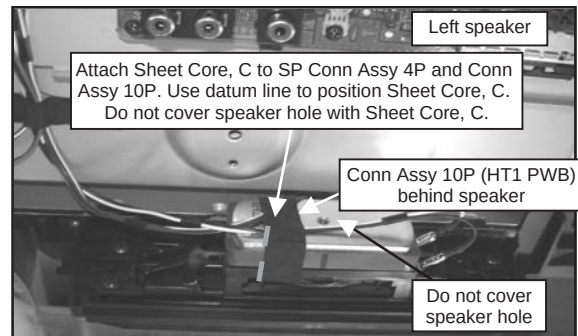
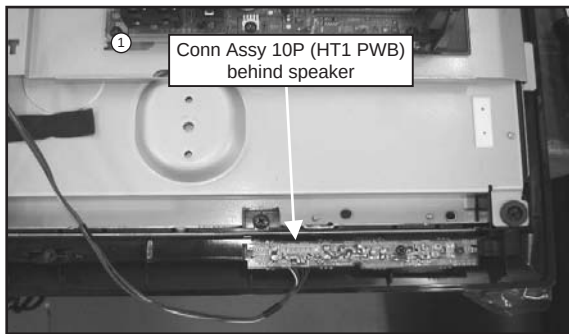


CISPR model



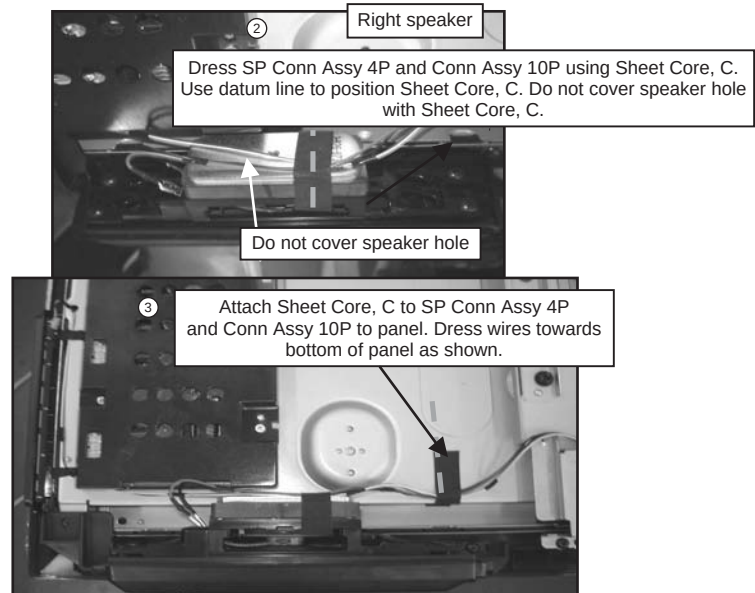
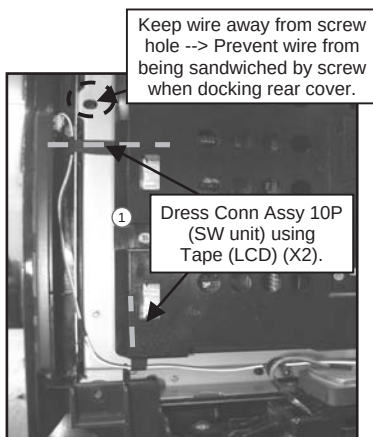
5-3-2. Insert Connector Assy 10P and SP Connector Assy 4P

- 1) Insert Connector Assy 10P to HT1 PWB. Attach HT1 PWB to Light Guide on Bezel.
- 2) Insert SP Conn Assy 4P to speaker as shown.
Attach Sheet Core, C (X1) as shown.



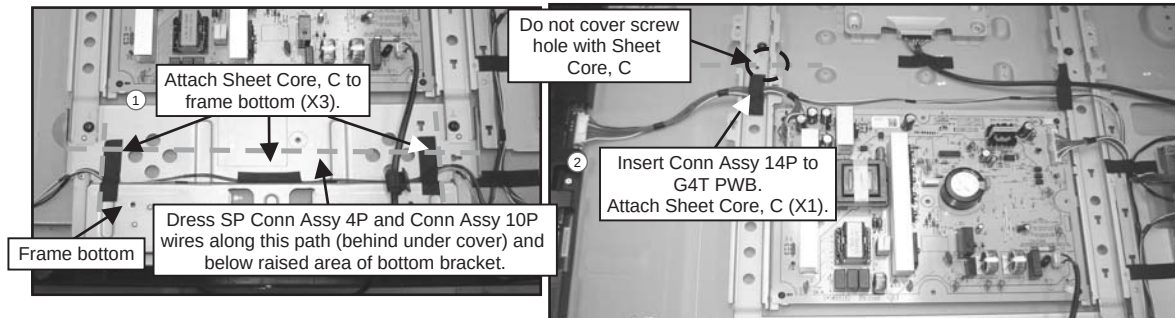
5-3-3. Insert Connector Assy 10, SP Connector Assy and attach C Sheet Core

- 1) Insert Connector Assy 10P to SW unit. Attach SW unit to Bezel and dress with Tape (LCD) (X2).
- 2) Insert SP Conn Assy to speaker and attach Sheet Core, C as shown.
- 3) Attach Sheet Core, C to panel as shown.



5-3-4. Attach C Sheet Core and Insert Connector Assy 14P

- 1) Attach Sheet Core, C (X3) to frame bottom as shown.
- 2) Insert Conn Assy 14P to inverter and G4T PWB as shown. Attach Sheet Core, C as shown.

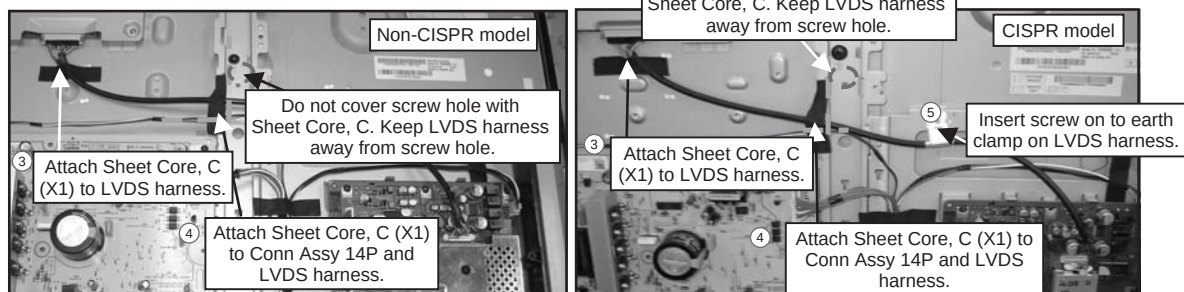


For all models

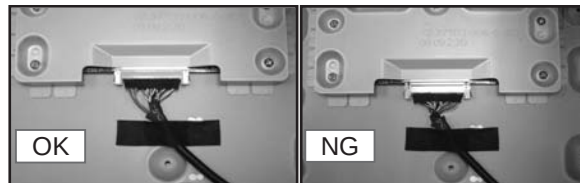
- 3) Attach Sheet Core, C to LVDS harness.
- 4) Attach Sheet Core, C to Connector Assy 14P and LVDS harness on frame spine.

For CISPR models only

- 5) Insert screw on to earth clamp on LVDS harness.

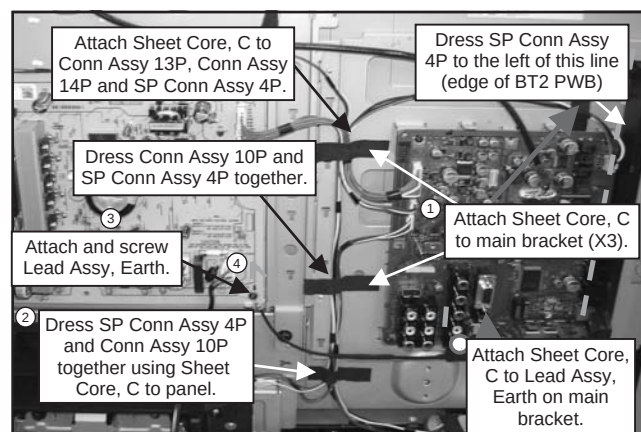


Note: When inserting LVDS harness to panel, make sure it is fully inserted and in the correct direction as shown.



5-3-5. Attach C Sheet Core and Insert Connector Assy 14P

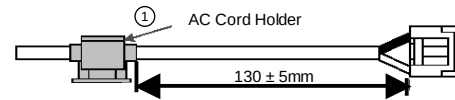
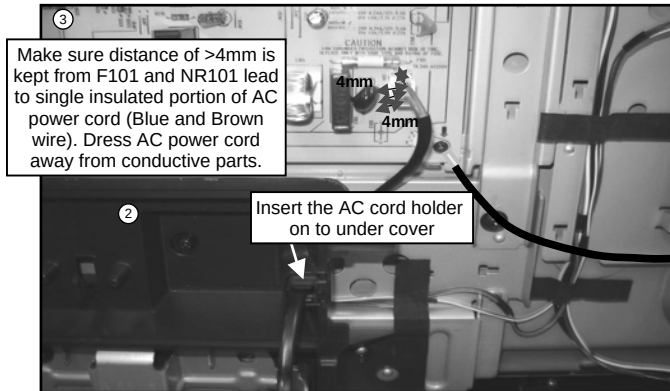
- 1) Attach Sheet Core, C (X3) to main bracket as shown.
- 2) Attach Sheet Core, C (X1) to panel as shown.
- 3) Attach and screw Lead Assy, Earth on to G4T PWB as shown.
- 4) Attach Sheet Core, C (X1) to main bracket as shown.



5-3-6. Install AC Cord Holder and Power Cord

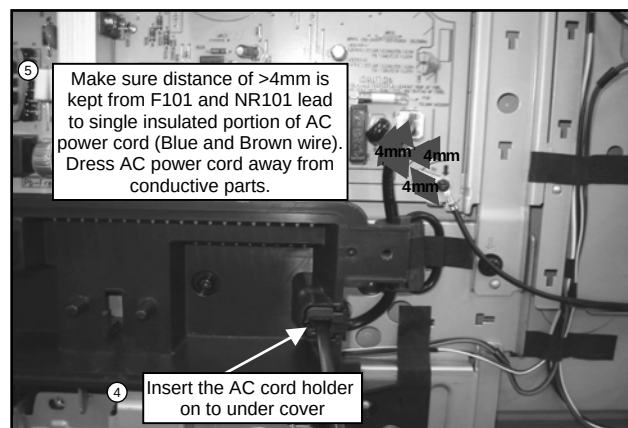
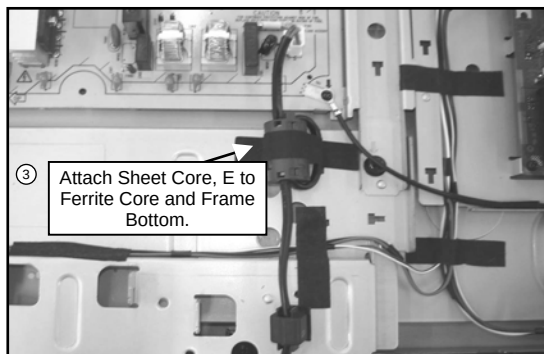
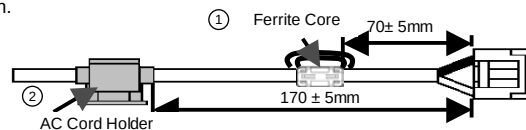
Non-CISPR model

- 1) Install AC cord holder to AC power cord at specified position as shown.
- 2) Then install the AC power cord with holder into under cover.
- 3) Keep the AC power cord away from surrounding parts.



CISPR model

- 1) Install Ferrite core to AC power cord at specified position as shown.
- 2) Install AC cord holder to AC power cord at specified position as shown.
- 3) Attach Sheet Core, E to Ferrite Core and frame bottom.
- 4) Then install the AC power cord with holder into under cover.
- 5) Keep the AC power cord away from surrounding parts.



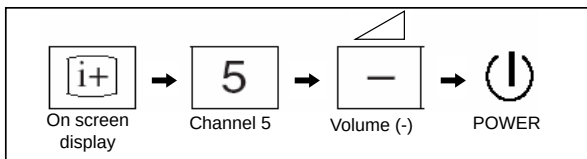
Caution:

1. Ensure that AC power cord is not stressed whilst inserting it into AC cord bracket.

SECTION 6 SERVICE ADJUSTMENTS

6-1. Accessing Diagnostic Menu

- While TV set on standby, press the following sequence on the Remote commander (RMGA016).



The following menu will appear on the screen

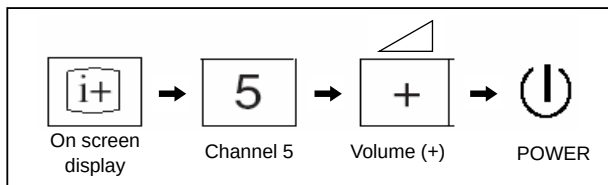
MAIN_POWER_ERROR	0
5V_POWER_ERROR	0
AUDIO_ERROR	0
BALK_LIGHT_ERROR	0
TEMP_ERROR	0

Figure 1

- To quit the diagnostic menu, turn off and on the set.

6-2. Viewing the Service Mode Display

- While TV on standby mode, press the following sequence on the Remote commander.



(if wrong key is pressed or passed 3 seconds during each process, cancel entering the self-diagnosis display.)

Example on screen display:

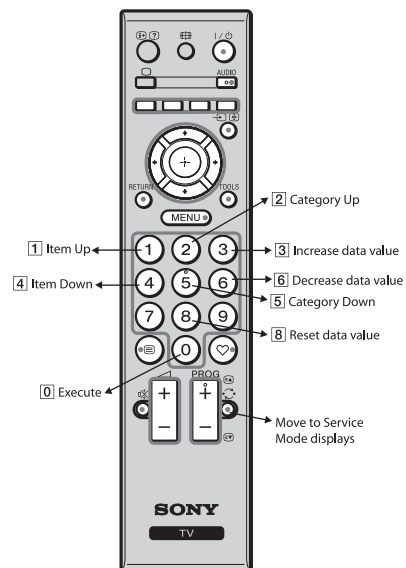
Category	Item	[Category/Item name] Within 17 characters	[Data] Within 7 characters
T V	0 0 0	W B	S E R V I C E
0 0 0	W P R C		2 5 5
L O C T O P			
		P R O G R A M :	T M 0 . 0 7 0
		G T V :	M R 1 . 0 . 2
		N V M :	T D 0 . 1 0 0

PROGRAM: Show the Application version
GTV: Show the GTV Library version
NVM: Show the NVM version in the NVM data (4bytes ASCII data)

- To reset, press 8 - 0 - $\oplus$.
- To Exit, press the $\langle I/\text{ON} \rangle$ key.

6-3. Control keys via Remote Commander.

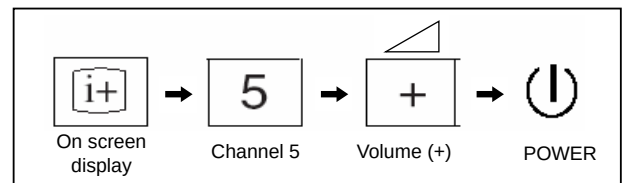
Buttons on the Remote Commander to access the service menu items and adjust the data values.



6-4. Adjustment Method

6-4-1. Aging

- While TV on standby mode, press the following sequence on the Remote commander.



- Select AGING with $\boxed{2}$ or $\boxed{5}$ On the Remote Commander.
- Select AGING MODE with $\boxed{1}$ or $\boxed{4}$ On the Remote Commander.
- Select data value with $\boxed{3}$ or $\boxed{6}$ On the Remote Commander to 1 to enable. Refer to Service Items (Table 1) page 23.
- Press $\langle I/\text{ON} \rangle$ to exit.
- When exit it will have the new data value and start aging.
- Aging condition:
 - Supply voltage : Rating
 - Time: More than 20 minutes
 - Ambient Temp: 22-28 degrees
 - Input : Set no signal except digital and analog RF (Video/Component/PC)

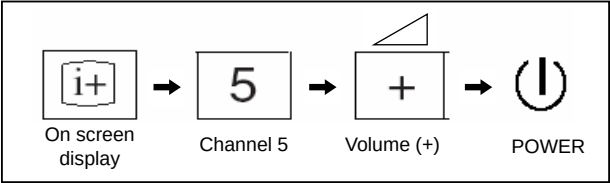
Example on screen display:

T V	0 0 0	A G I N G	S E R V I C E
0 0 0	A G I N G	M O D E	1
L O C T O P			
		P R O G R A M :	T M 0 . 0 7 0
		G T V :	M R 1 . 0 . 2
		N V M :	T D 0 . 1 0 0

PROGRAM: Show the Application version
GTV: Show the GTV Library version
NVM: Show the NVM version in the NVM data (4bytes ASCII data)

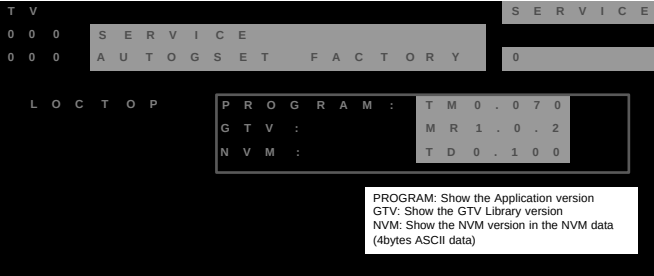
6-4-2. Resetting the User Menu- Factory Reset

1. While TV on standby mode, press the following sequence on the Remote commander.



2. Select SERVICE with [2] or [5] On the Remote Commander.
3. Select AUTO SET FACTORY with [1] or [4] On the Remote Commander.
4. Select data value with [3] or [6] On the Remote Commander to 0 to current condition. Refer to Service Items (Table 1) page 23
5. Press <I/⏻> to exit.

Example on screen display:

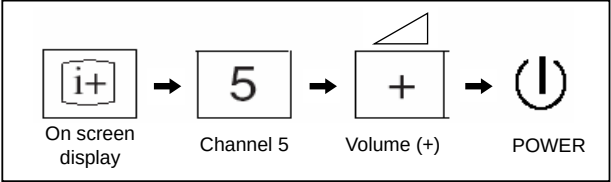


6-4-3. White Balance Adjustment

Test Pattern:

- a) Connect video signal of white to video input
b) Restort to original value : Color temp=0, Picture=Max, Brightness=50, Backlight=max

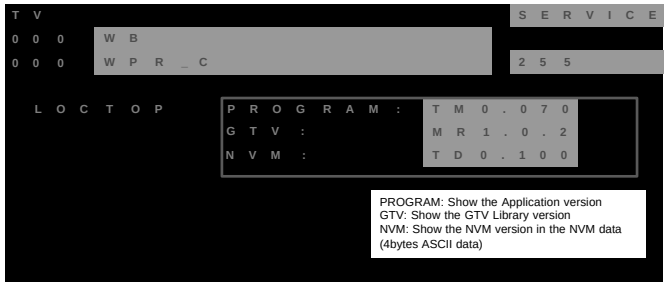
1. While TV on standby mode, press the following sequence on the Remote commander.



2. Select WB with [2] or [5] On the Remote Commander.
3. Select WPR_C with [1] or [4] On the Remote Commander.
4. Select data value with [3] or [6] On the Remote Commander.
5. Press <I/⏻> to exit.

Note: Refer to Service Items (Table 1) page 23 for other item and data value.

Example on screen display:



6-5. Table 1

Category	Item	Description	Remarks	bit	Min	Max	Initial	
WB	WPR C	W/B R adjustment for Cool	Change color temperature to Cool	8	0	255	ADJ value	
	WPG C	W/B G adjustment for Cool		8	0	255	ADJ value	
	WPB C	W/B B adjustment for Cool		8	0	255	ADJ value	
	WPR N	W/B R adjustment for Cool	Change color temperature to Neutral	8	0	255	ADJ value	
	WPG N	W/B G adjustment for Cool		8	0	255	ADJ value	
	WPB N	W/B B adjustment for Cool		8	0	255	ADJ value	
	WPR W1	W/B R adjustment for Warm1	Change color temperature to Warm1	8	0	255	ADJ value	
	WPG W1	W/B G adjustment for Warm1		8	0	255	ADJ value	
	WPB W1	W/B B adjustment for Warm1		8	0	255	ADJ value	
	WPR W2	W/B R adjustment for Warm2	Change color temperature to Warm2	8	0	255	ADJ value	
	WPG W2	W/B G adjustment for Warm2		8	0	255	ADJ value	
	WPB W2	W/B B adjustment for Warm2		8	0	255	ADJ value	
SERVICE	TUNING SYSTEM	"TV" system FIX. "Auto" or "BG" or "DK" or "I" or "M"		3	0	0x08	0	"0:Auto, 1:BG, 2:DK, 3:I, 4:M, 5:_No use"
	NO SIGNAL MUTE	When RF is no signal, select ON/OFF of audio mute.		1	0	1	0	0:OFF, 1:ON
	AUTOSET FACTORY	Select a factory, and preset factory signal.	Refer to the followings and sheet "AUTOSET FACTORY"	3	0	0x08	0	0:current condition 1:SOEM(NORTH) 2:SOEM(SOUTH) 3:STT 4:SSV 5:_No use
	AGC	Control of AGCOUT(66pin) of SMIC	This value is adjust by production. Initial value is adjustment value. AGC Take Over	8	0	0xFF	ADJ value	
	Forced 2D	Select "2D" and "Current"		1	0	0x01	0	0:Current, 1:2D
	OVMADAPT	FM over-moduration adaptation	Initial data is BG/DK/I : 1 M : 0 Radio : 1	1	0	0x01	current condition	0:Disable 1:Enable
	FILTBW	Sound carrier filter bandwidth.	Initial data is BG/DK/I : 1 M : 0 Radio : 1	2	0	0x03	current condition	0:Narrow 1:Extra wide 2:Medium 3:Wide
	ADC	AD auto calibration	AD Cal.	1	0	0x01	0	1:Start auto ADC
PRODUCTION	SER1	Serial Number 1	SONY VERSION NO CHAR1 INDEX	8	0	0xFF	ADJ value	
	SER2	Serial Number 2	SONY VERSION NO CHAR2 INDEX	8	0	0xFF	ADJ value	
	SER3	Serial Number 3	SONY VERSION NO CHAR3 INDEX	8	0	0xFF	ADJ value	
	SER4	Serial Number 4	SONY VERSION NO CHAR4 INDEX	8	0	0xFF	ADJ value	
	SER5	Serial Number 5	SONY VERSION NO CHAR5 INDEX	8	0	0xFF	ADJ value	
	SER6	Serial Number 6	SONY VERSION NO CHAR6 INDEX	8	0	0xFF	ADJ value	
	SER7	Serial Number 7	SONY VERSION NO CHAR7 INDEX	8	0	0xFF	ADJ value	
	SER8	Serial Number 8	SONY VERSION NO CHAR8 INDEX	8	0	0xFF	ADJ value	
AGING	AGING MODE	Aging mode	APRV_AGING_ENABLE_INDEX	1	0	1	0	0:Disable 1:Enable
	AGING TIME	Aging expire time	APRV_AGING_TIME_INDEX	8	0	0xFF	0	
	AGING COLOR	Aging color	APRV_AGING_COLOUR_INDEX	8	0	0xFF	0	0:Black 1:White 2:Red 3:Green 4:Blue
STATUS	TEMP	Read resister "TEMPERATURE"	Same as NXP service mode	8	0	0xFF	current condition	
	SIG_BOOSTER_LEV	Read A/D port for RF signal level	A/D port: SARIN1	8	0	0xFF	current condition	

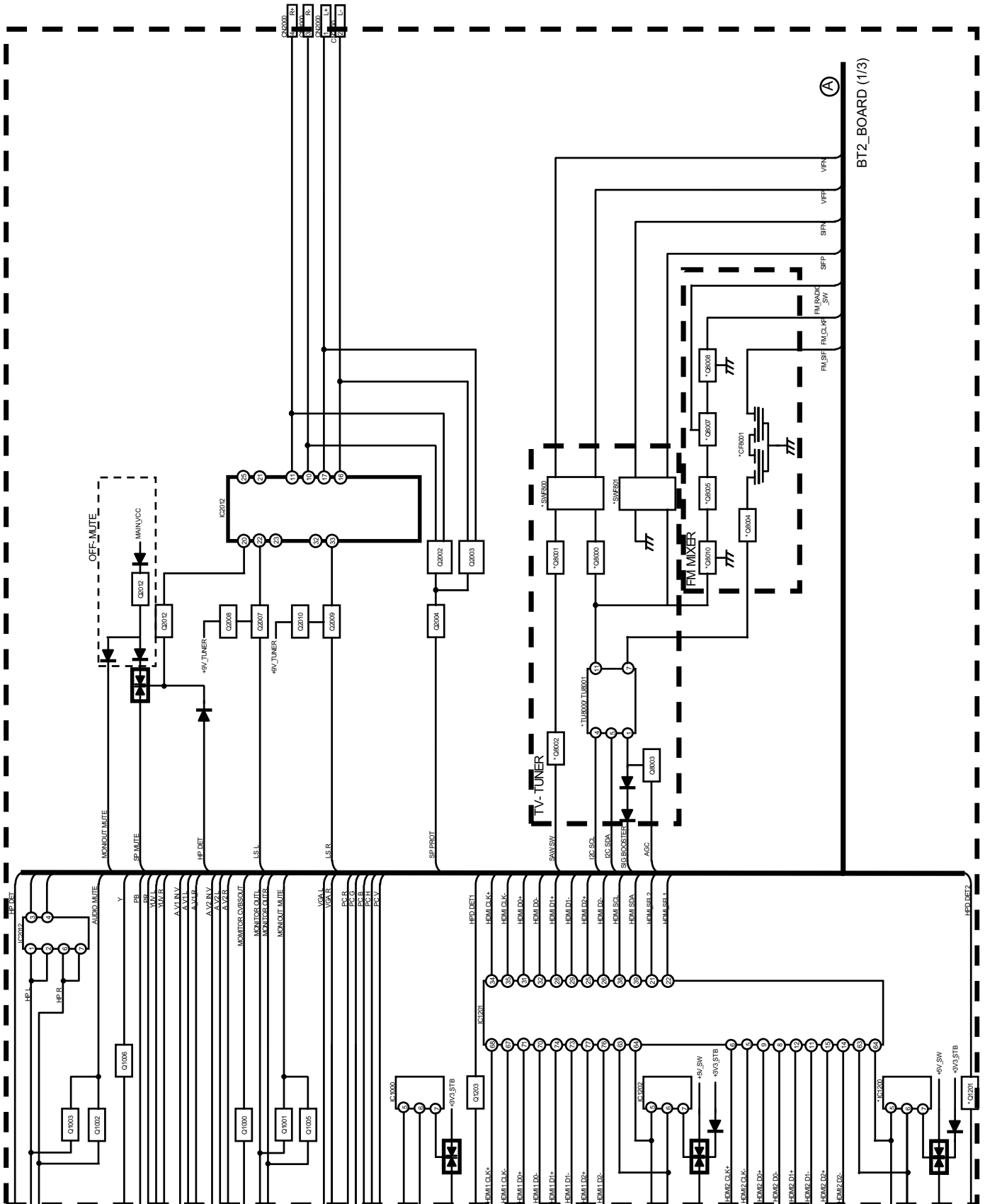
6-6. Board & Panel Replacement

When replacing the BT board and Panel readjust the W/B.

SECTION 7 DIAGRAMS

7-1. BLOCK DIAGRAM

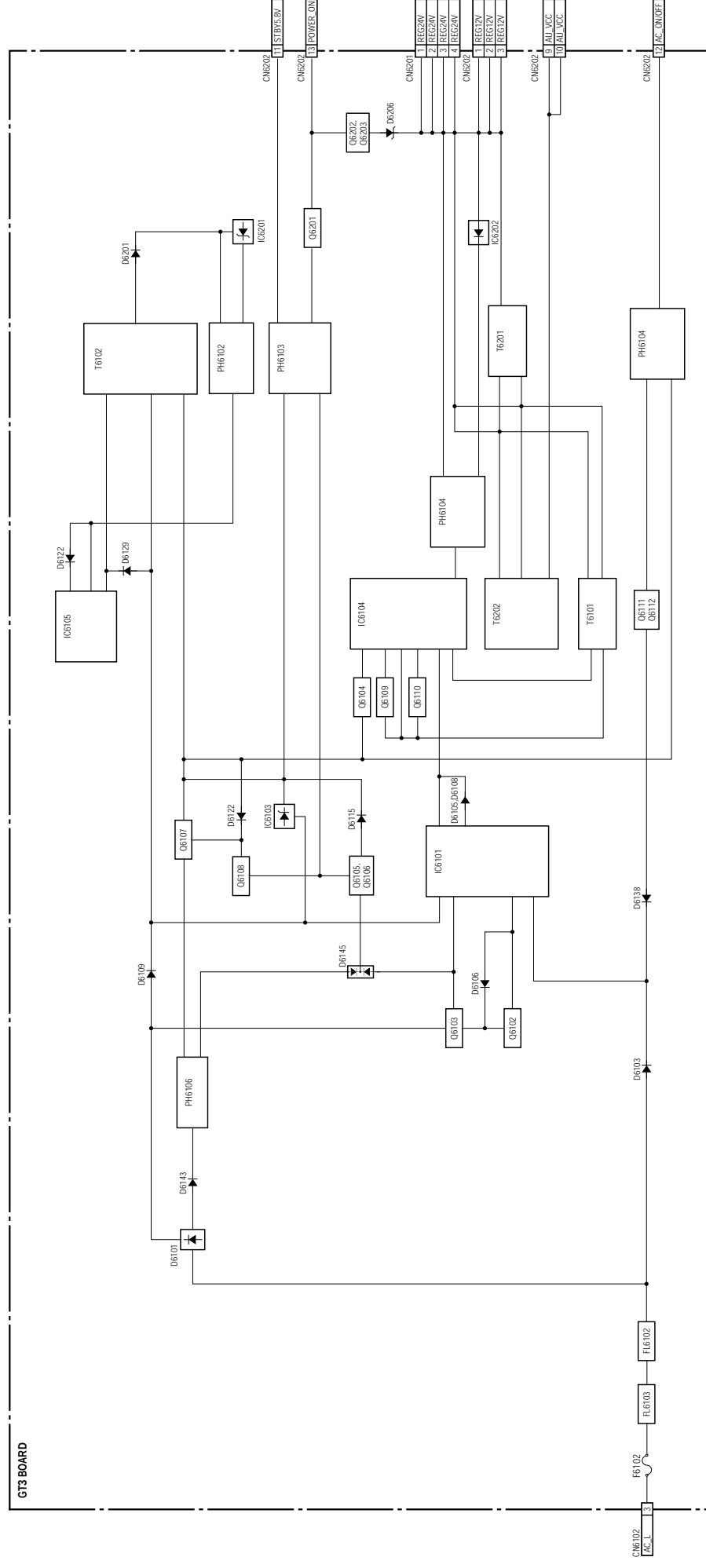
7-1-1. BT2 Board



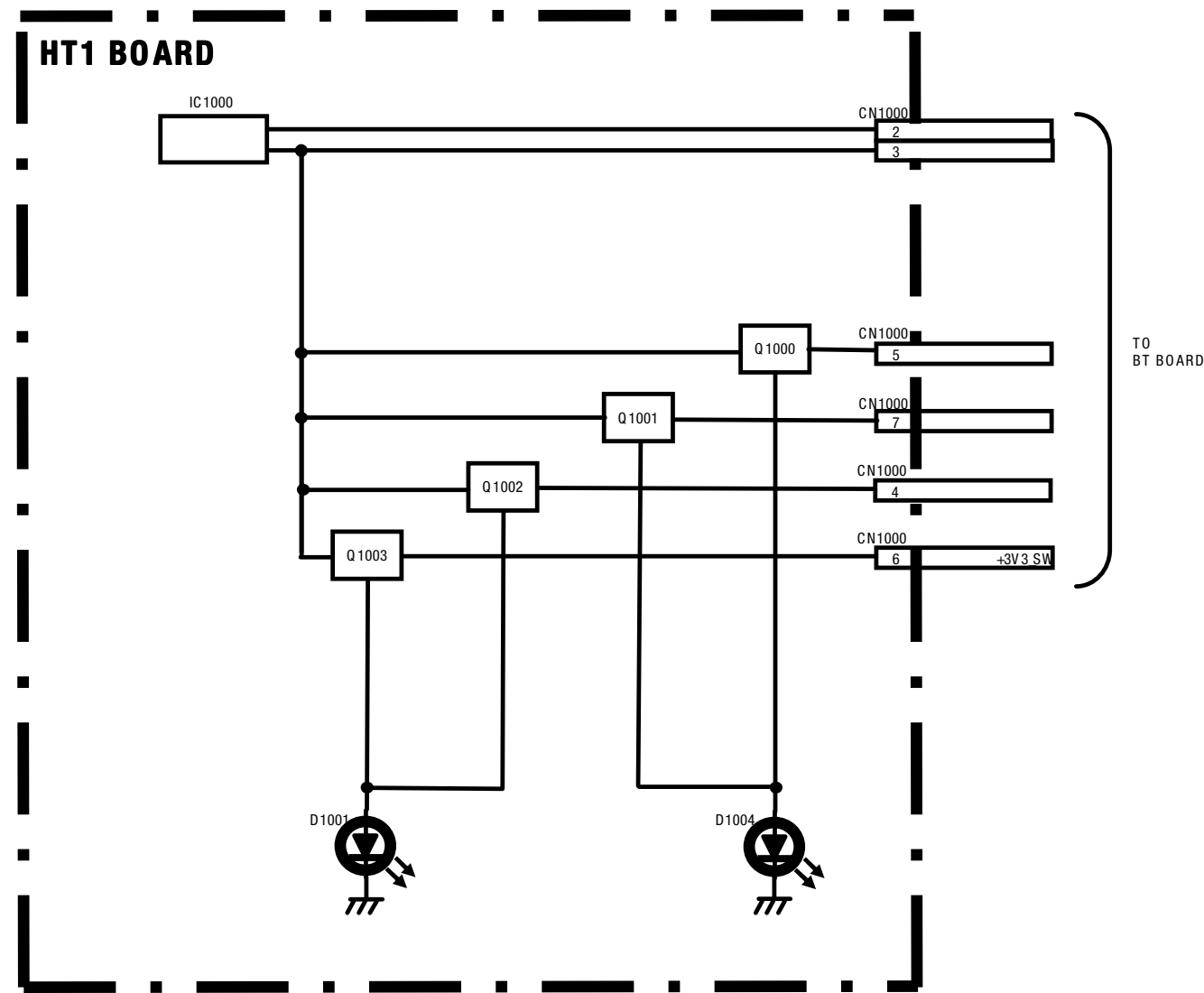




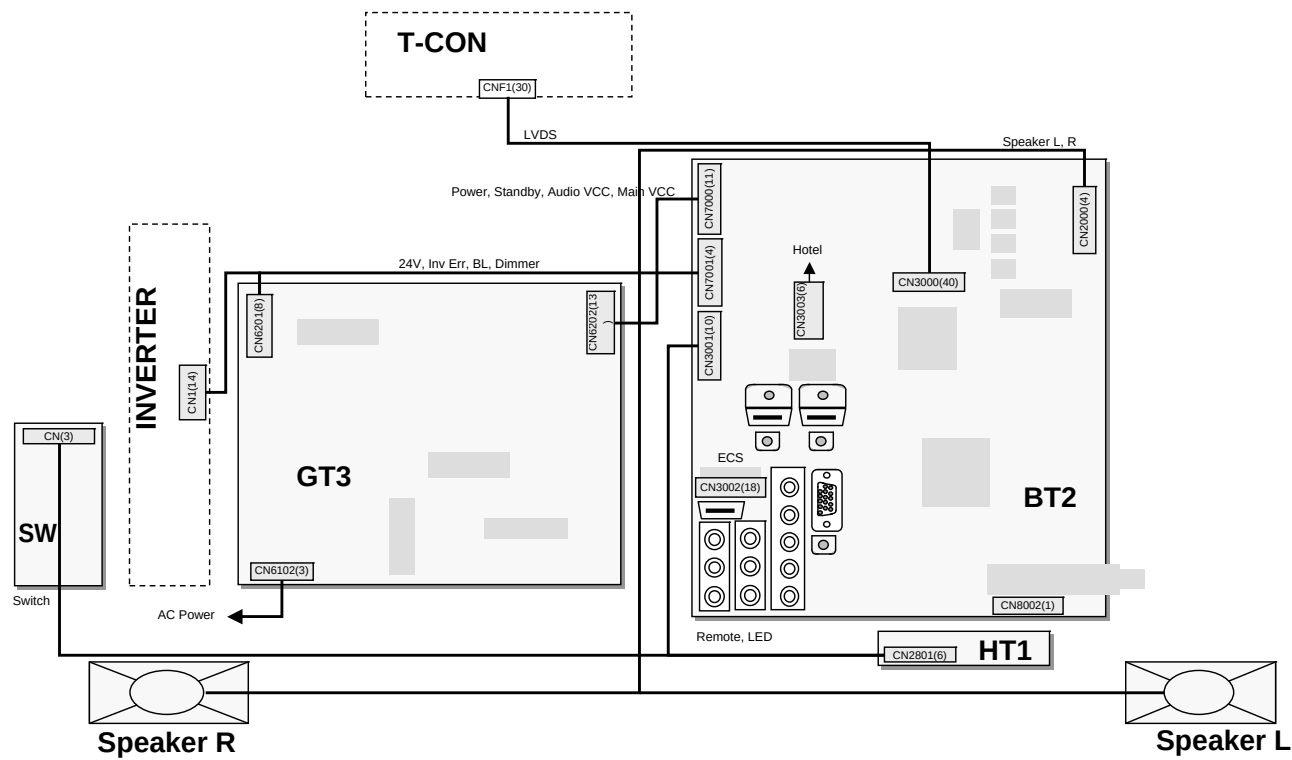
7-1-2. GT3 Board (except 37S550A)



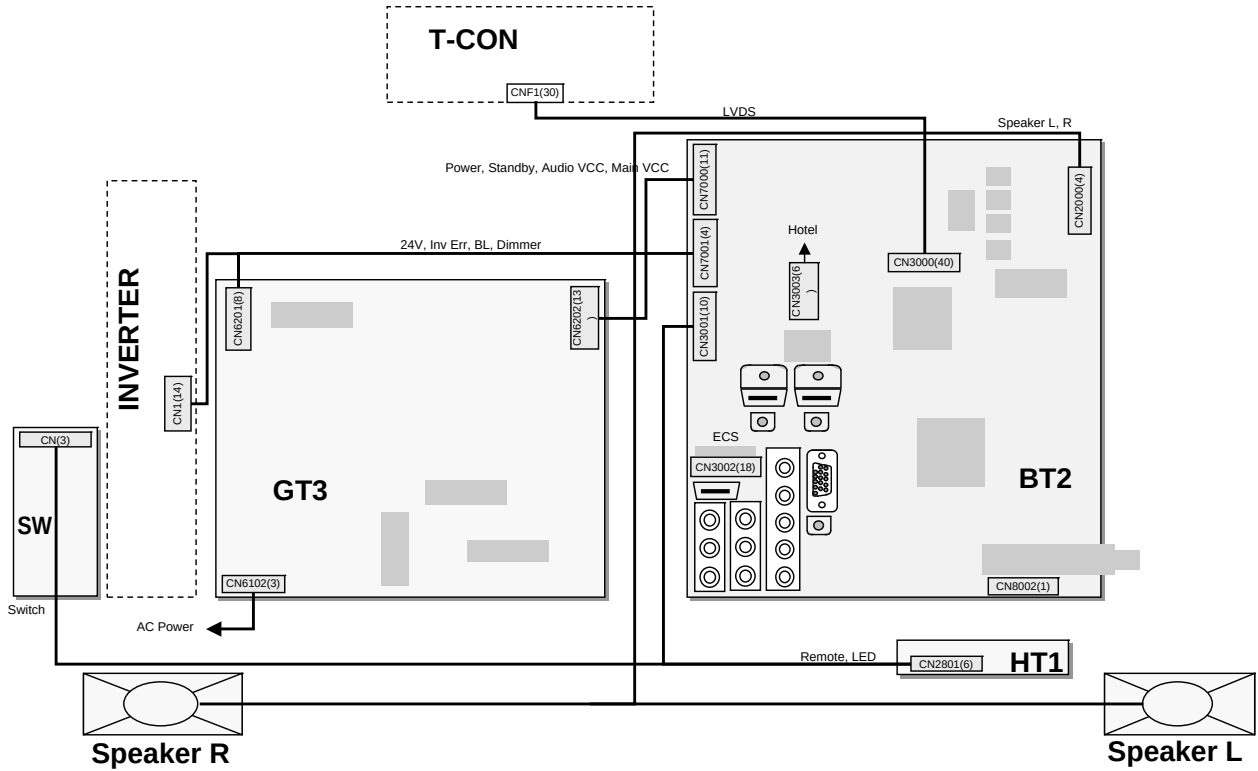
7-1-3. HT1 Board



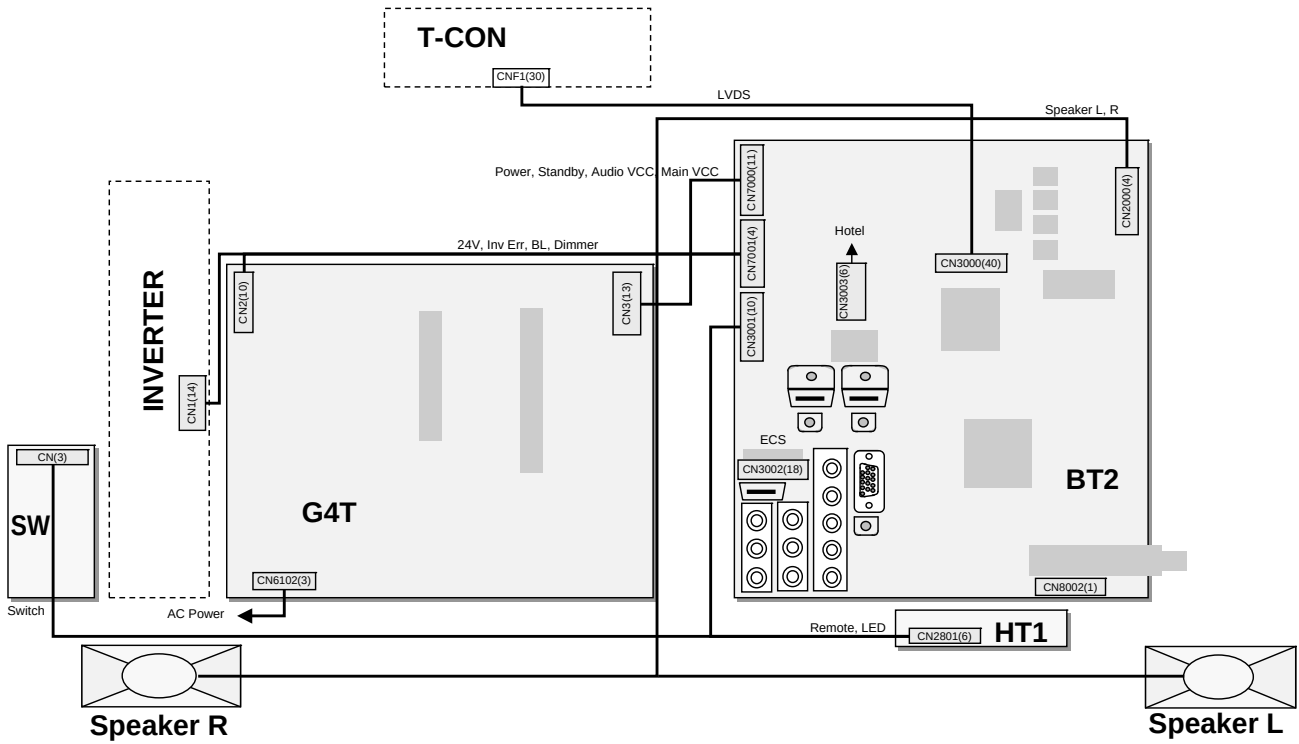
7-2. CONNECTOR DIAGRAM
7-2-1 KLV-26S550A



7-2-2 KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T

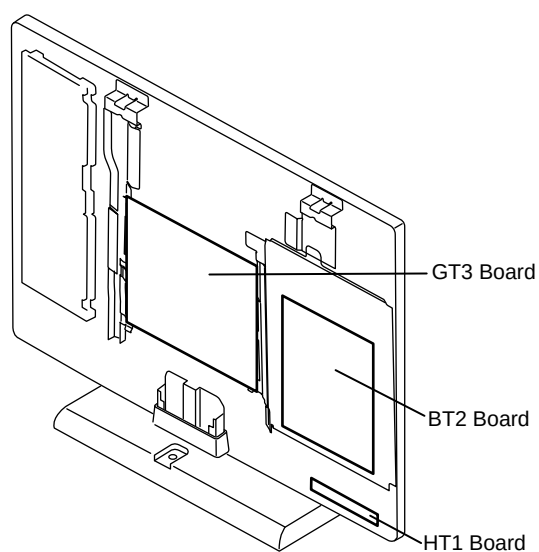


7-2-3 KLV-37S550A

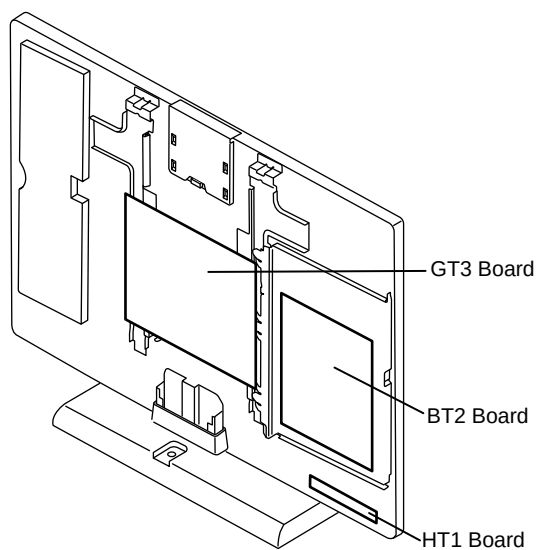


7-3. CIRCUIT BOARD LOCATION

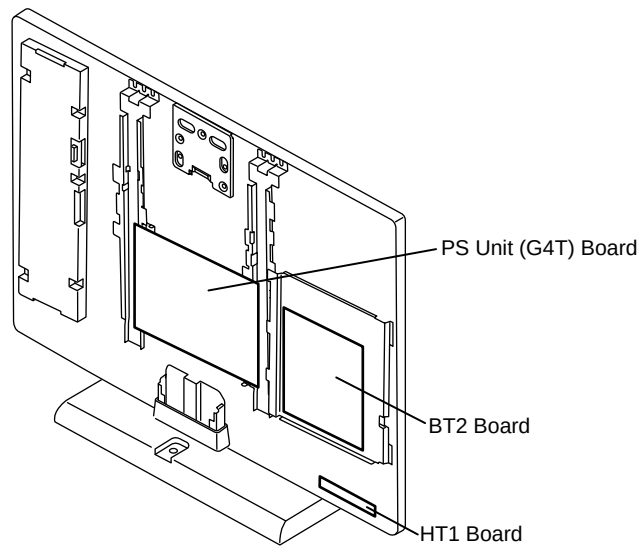
7-3-1 KLV-26S550A



7-3-2 KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T



7-3-3 KLV-37S550A



7-4. SCHEMATIC DIAGRAM

7-5. PRINTED WIRING BOARDS

Board	Function	Note
BT2 G4T(37S550A) GT3(26S550A, 32S530A, 32S550A, 32S550A/L, 32S550A/T) HT1	I/O, AV INPUT/OUTPUT, HDMI, PC,I, HP/AUDIO/LOC TOP/DDR/ POWER DC/ TUNER.FM.IF/ AV SWITCH.SMIC Power Supply Key / LED / SIRCS	Due to complexity of the board, performing component level field repairs are not recommended. Complete board replacement is required if service is necessary. For part number information, refer to Exploded View or Electrical Parts List section in this manual.

7-6. SEMICONDUCTOR

Due to complexity of the board, performing
 component level field repairs are not recommended.
 Complete board replacement is required if service is
 necessary.

SECTION 8

EXPLODED VIEWS

- Components not identified by a part number or description are not stocked because they are not required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the far right column of the part list and within the dotted lines of the diagram.
- Item marked with an asterisk (*) are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these components.

NOTE: The components identified by shading and $\triangle$ mark are critical for safety. Replace only with part number specified.

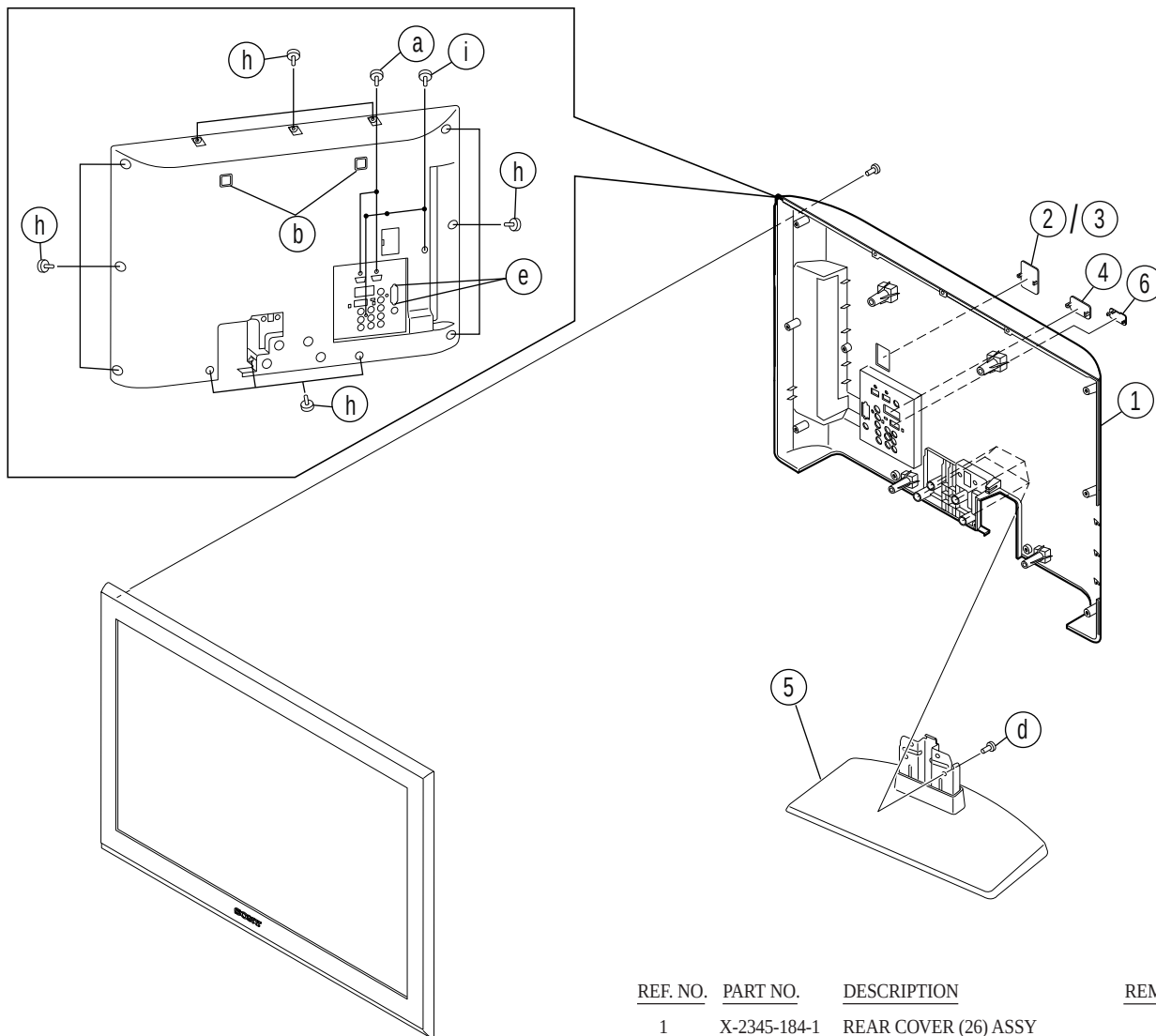
Note: The components identified by mark $\triangle$ contain confidential information. Strictly follow the instructions whenever the components are repaired and /or replaced.

Note: The illustrations provided in this section might have slight difference from actual set.

a	2-580-591-01	SCREW, +PSW M3X5
b	2-580-600-01	SCREW, +PSW M4X8
c	2-580-602-01	SCREW, +PSW M4X12 (37S550A)
d	2-580-608-01	SCREW, +PSW M5X16
e	2-580-626-01	SCREW, SP 4-40 UNC
f	2-580-629-01	SCREW, +BVST 3X8
g	2-580-639-01	SCREW, +BVTP2 4X12
h	2-580-640-01	SCREW, +BVTP2 4X16
i	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3

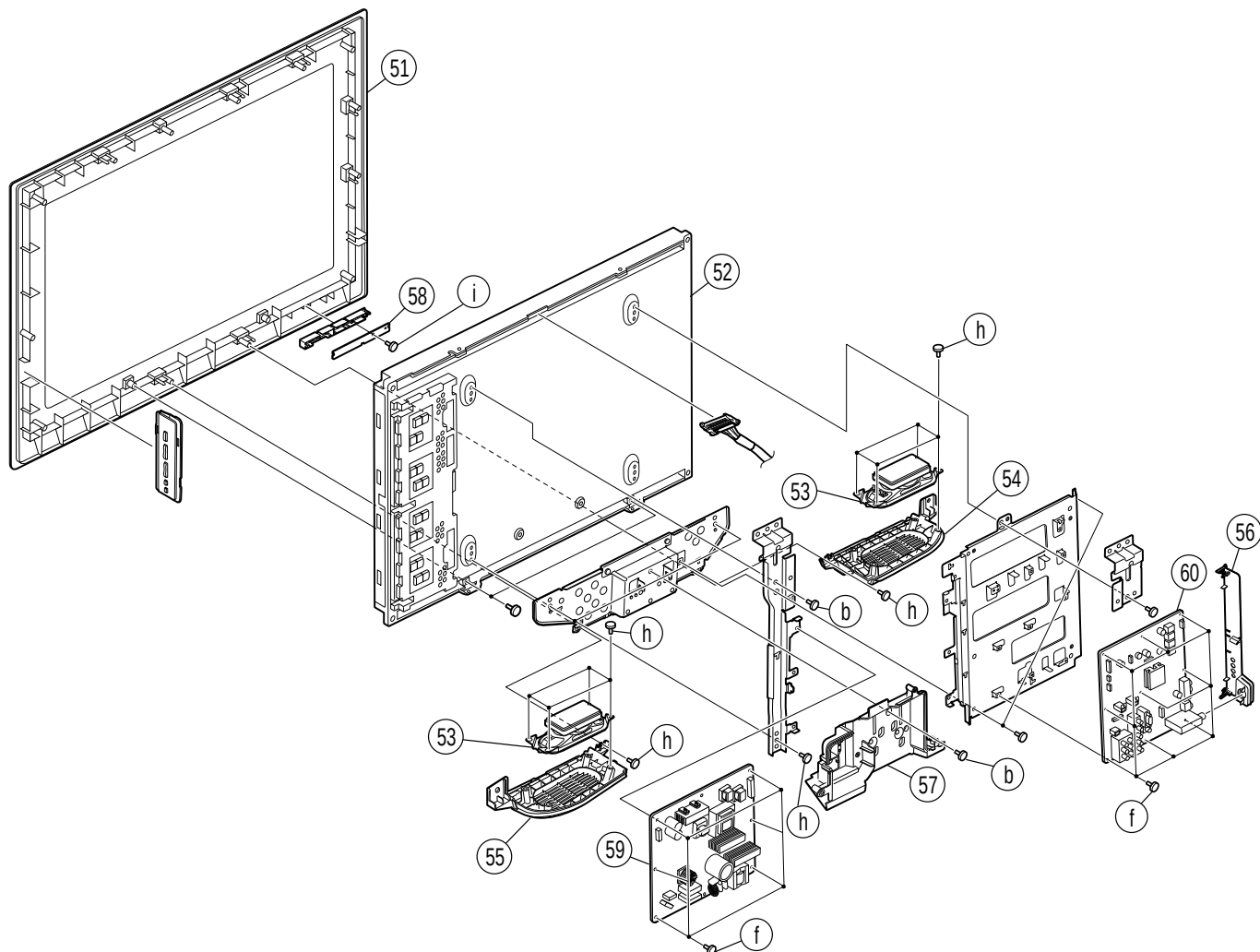
8-1. KLV-26S550A

8-1-1. REAR CABINET AND STAND ASSY



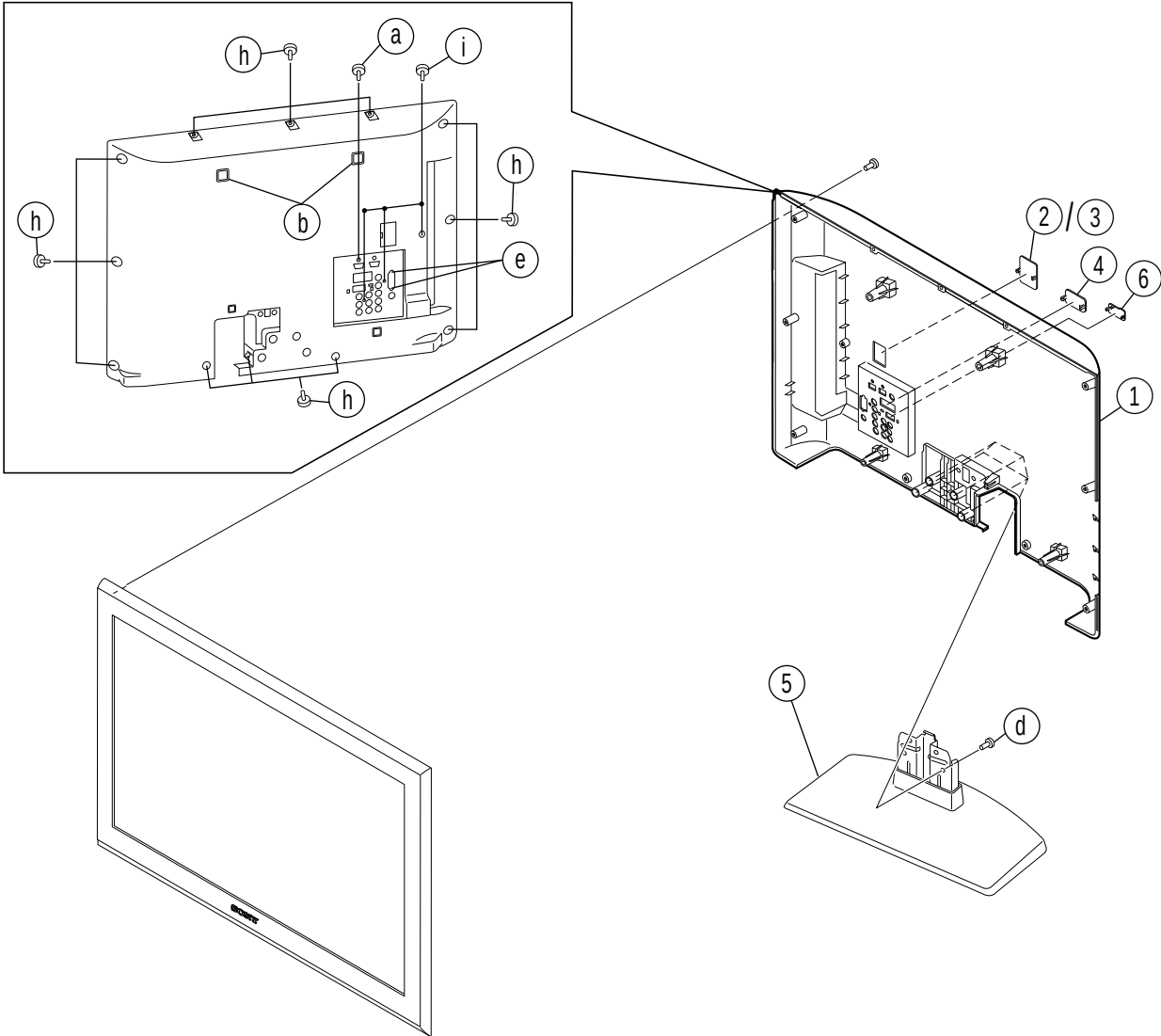
REF. NO.	PART NO.	DESCRIPTION	REMARK
1	X-2345-184-1	REAR COVER (26) ASSY	
2	* 3-106-086-01	COVER, ECS	
3	* 4-115-101-01	COVER, ECS	
4	* 4-127-924-01	COVER, ECS(S)	
5	X-2345-158-1	STAND ASSY (M1)	
6	4-138-855-01	COVER, MS/USB	

8-1-2. BOARDS, SPEAKERS, BEZEL AND PANEL



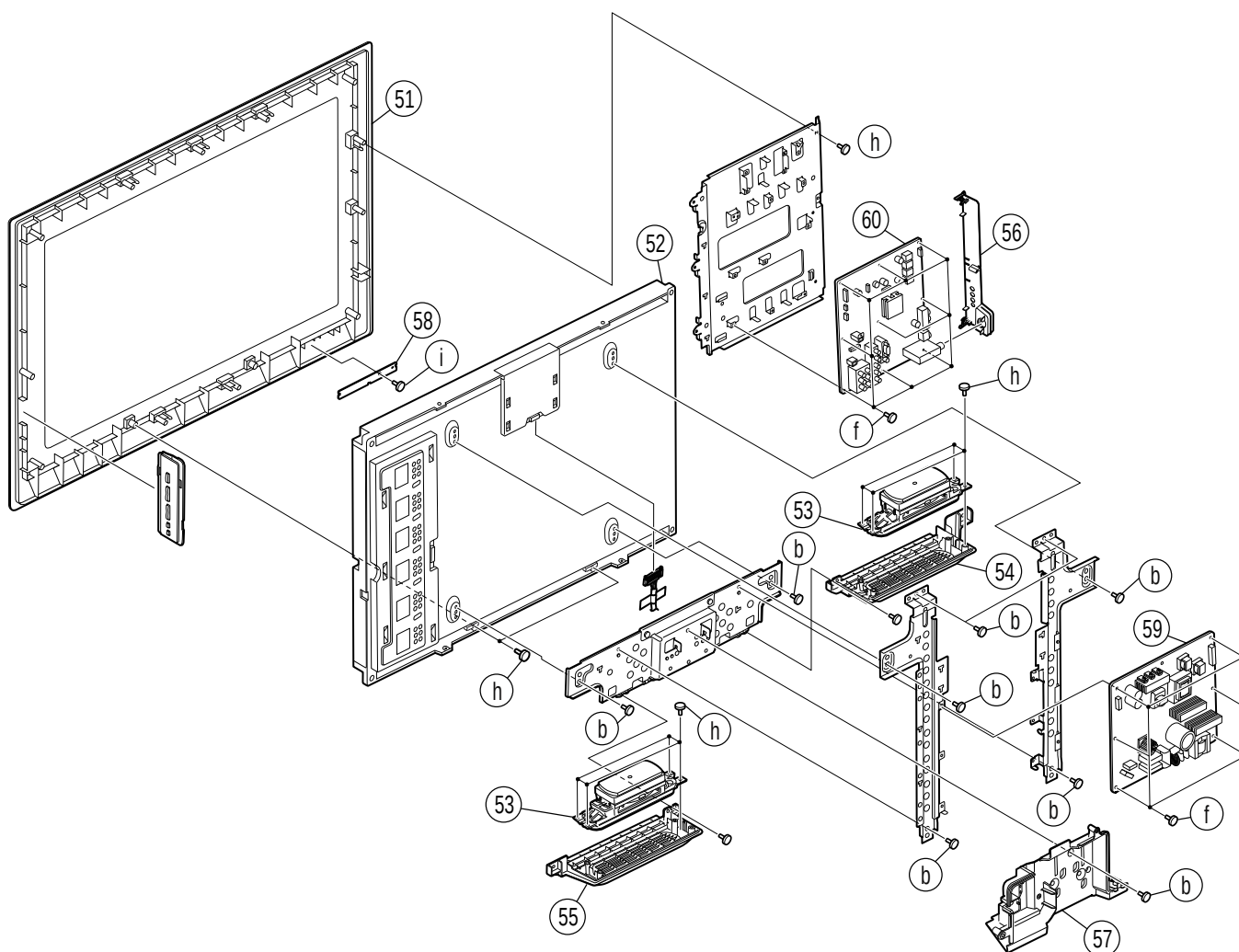
REF. NO.	PART NO.	DESCRIPTION	REMARK
51	X-2345-183-1	BEZEL (26) ASSY	
52	△ 1-802-866-12	LCD PANEL (26 INCH WXGA TFT)	
53	1-858-210-11	LOUDSPEAKER (4.2X10CM)	
54	X-2345-363-1	BAFFLE, SP (26L) ASSY	
55	X-2345-364-1	BAFFLE, SP (26R) ASSY	
56	4-125-782-01	BRACKET, SIDE JACK (EX2T)	
57	4-125-785-01	COVER, UNDER (26/32)	
58	* A-1663-488-A	HT1 MOUNT	
59	* A-1665-115-A	GT3 COMPLETE (EXCEPT 26S550A RUSSIA)	
	A-1704-566-A	GT3(26) COMPLETE (26S550A RUSSIA)	
60	⏏ A-1708-543-A	BT2 MOUNT (SERVICE) (26S550A RUSSIA)	
	⏏ A-1665-501-A	BT2 MOUNT (SERVICE) (EXCEPT 26S550A RUSSIA)	

8-2.KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T
8-2-1. REAR CABINET AND STAND ASSY



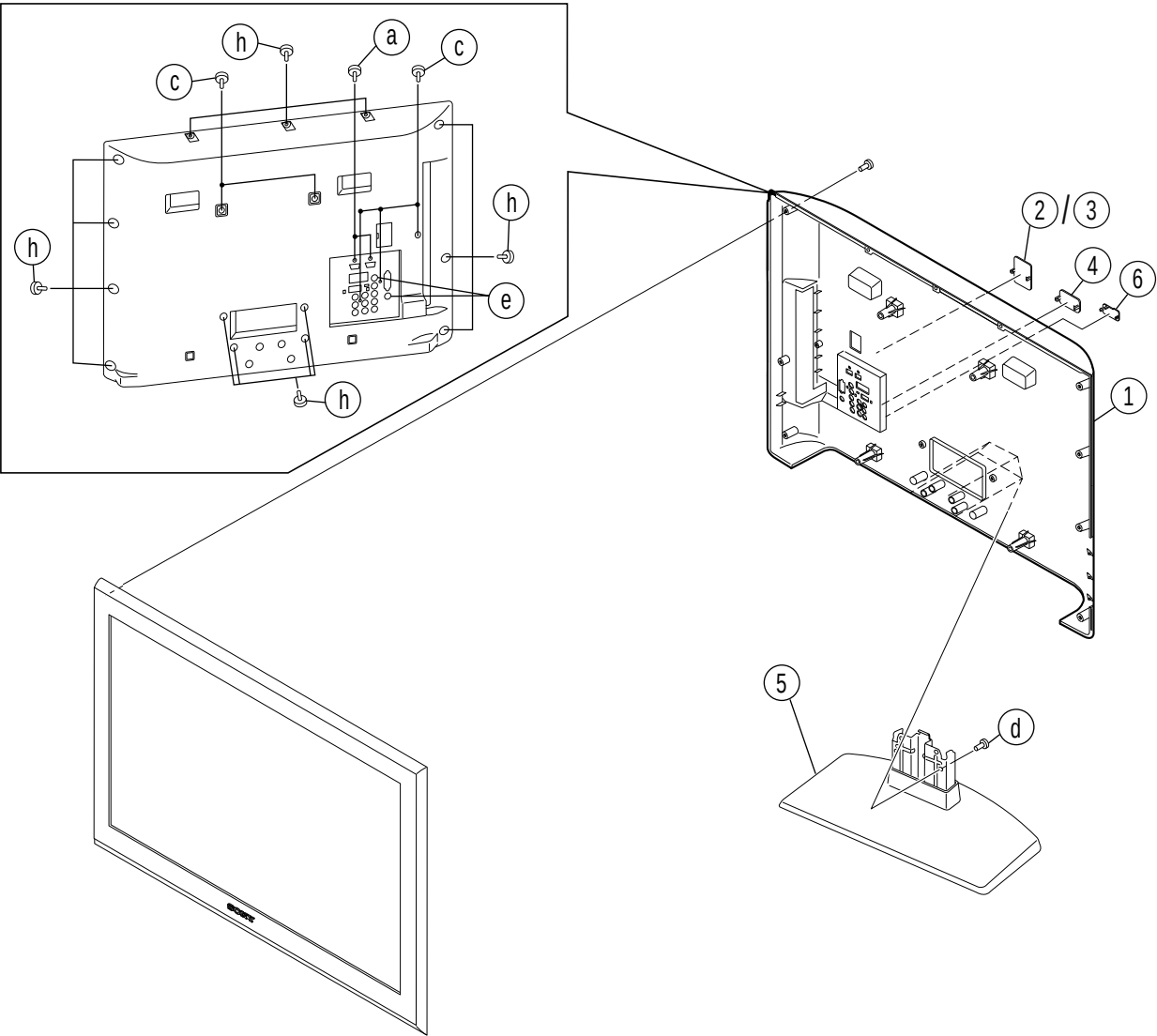
REF. NO.	PART NO.	DESCRIPTION	REMARK
1	X-2345-139-1	REAR COVER (32) ASSY	
2	* 3-106-086-01	COVER, ECS	
3	* 4-115-101-01	COVER, ECS	
4	* 4-127-924-01	COVER, ECS(S)	
5	X-2345-158-1	STAND ASSY (M1)	
6	4-138-855-01	COVER, MS/USB (32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	* 3-292-896-01	COVER, MS/USB (EXCEPT 32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)	

8-2-2. BOARDS, SPEAKERS, BEZEL AND PANEL



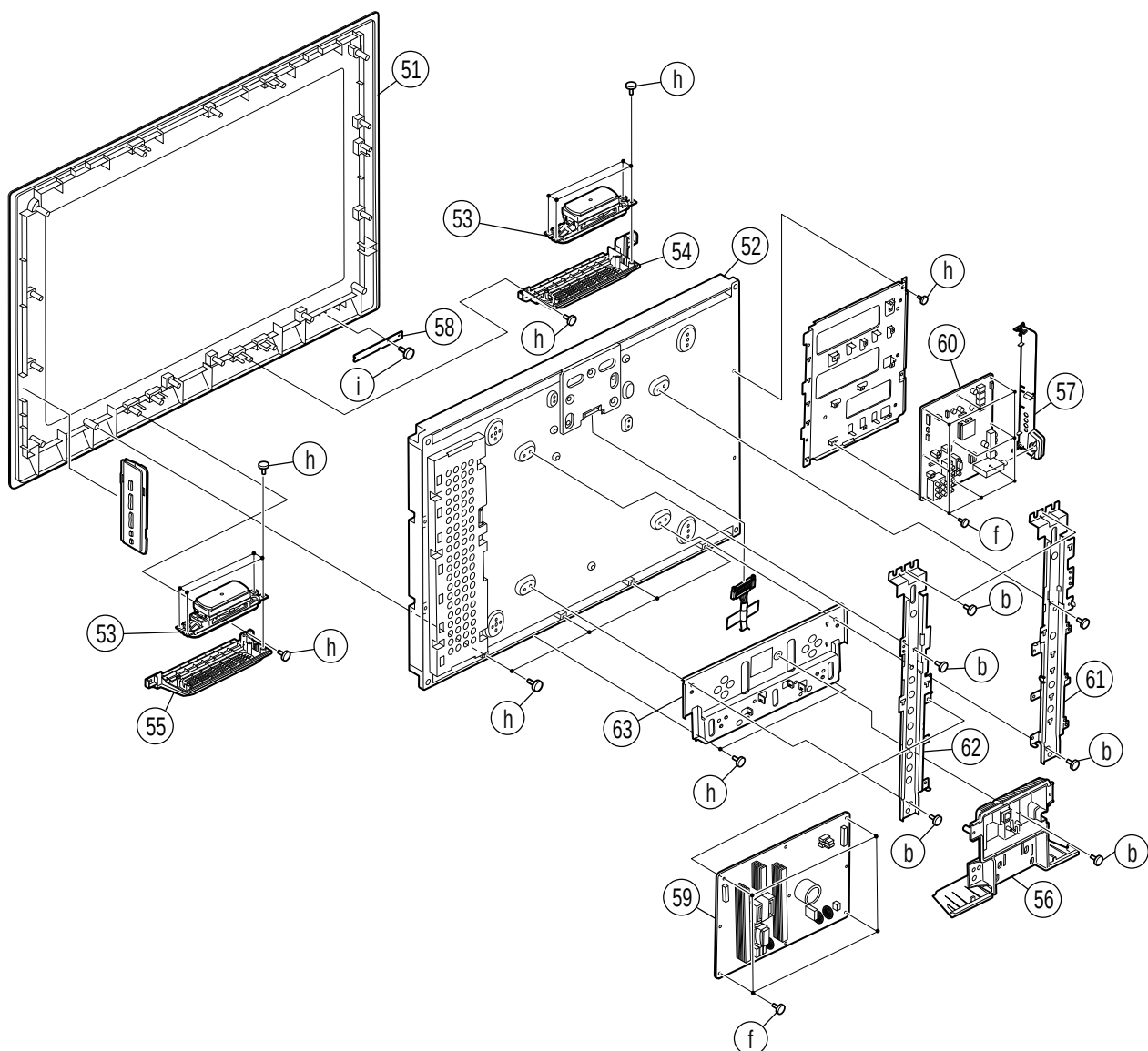
REF. NO.	PART NO.	DESCRIPTION	REMARK
51	X-2345-137-1	BEZEL(32) ASSY (32S550A)	
	X-2345-370-1	BEZEL(32) ASSY (32S530A)	
	X-2348-561-1	BEZEL(32)(L) ASSY (32S550A/L)	
	X-2348-562-1	BEZEL(32)(T) ASSY (32S550A/T)	
52	△ 1-802-807-11	LCD PANEL (31.5 INCH WXGA TFT)	
53	1-826-873-11	LOUDSPEAKER (3.4X17.5CM) (32S550A (IRAN, NEW ZEALAND), 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	1-858-209-11	LOUDSPEAKER (3.4X17.5CM) (EXCEPT 32S550A (IRAN, NEW ZEALAND), 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
54	X-2345-361-1	BAFFLE, SP (32/37L) ASSY	
55	X-2345-362-1	BAFFLE, SP (32/37R) ASSY	
56	4-125-782-01	BRACKET, SIDE JACK (EX2T)	
57	4-125-785-01	COVER, UNDER (26/32)	
58	* A-1663-488-A	HT1 MOUNT	
59	* A-1663-495-A	GT3 COMPLETE (EXCEPT 32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	A-1704-563-A	GT3(32) COMPLETE (32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
60	⊞ A-1665-502-A	BT2 MOUNT (SERVICE) (32S530A (ME, THAILAND))	
	⊞ A-1707-902-A	BT2 MOUNT (SERVICE) (32S550A (RUSSIA, TUNISIA), 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	⊞ A-1663-500-A	BT2 MOUNT (SERVICE) (EXCEPT 32S530A (ME, THAILAND), 32S550A (RUSSIA, TUNISIA), 32S550A/L RUSSIA, 32S550A/T RUSSIA)	

8-3. KLV-37S550A
8-3-1. REAR CABINET AND STAND ASSY



REF. NO.	PART NO.	DESCRIPTION	REMARK
1	X-2345-203-1	REAR COVER (37) ASSY	
2	* 3-106-086-01	COVER, ECS	
3	* 4-115-101-01	COVER, ECS	
4	* 4-127-924-01	COVER, ECS(S)	
5	X-2345-159-1	STAND ASSY (ML1)	
6	4-138-855-01	COVER, MS/USB	

8-3-2. BOARDS, SPEAKERS, BEZEL AND PANEL



REF. NO.	PART NO.	DESCRIPTION	REMARK
51	X-2345-202-1	BEZEL(37) ASSY	
52	△ 1-802-864-11	LCD PANEL (37 INCH WXGA TFT)	
53	1-826-873-11	LOUDSPEAKER (3.4X17.5CM) (37S550A (GE, NEW ZEALAND, SOUTH AFRICA))	
	1-858-209-11	LOUDSPEAKER (3.4X17.5CM) (EXCEPT 37S550A (GE, NEW ZEALAND, SOUTH AFRICA))	
54	X-2345-361-1	BAFFLE, SP (32/37L) ASSY	
55	X-2345-362-1	BAFFLE, SP (32/37R) ASSY	
56	4-125-786-01	COVER, UNDER (37)	
57	4-125-782-01	BRACKET, SIDE JACK (EX2T)	
58	* A-1663-488-A	HT1 MOUNT	
59	1-474-161-11	PS UNIT(G4T)	
60	⌚ A-1671-483-A	BT2 MOUNT (SERVICE) (EXCEPT 37S550A(RUSSIA, TUNISIA))	
	⌚ A-1707-902-A	BT2 MOUNT (SERVICE) (37S550A (RUSSIA, TUNISIA))	
61	* 4-125-862-01	FRAME, SPINE(37L)	
62	* 4-125-863-01	FRAME, SPINE(37R)	
63	* 4-125-861-01	FRAME, BOTTOM(37)	

SECTION 9 ELECTRICAL PARTS LIST

NOTE:

The components identified by mark  contain confidential information. Strictly follow the instructions whenever the components are repaired and /or replaced.

Due to complexity of the board, performing component level field repairs are not recommended. Complete board replacement is required if service is necessary.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

- All resistors are in ohms
- F : nonflammable

CAPACITORS

- MF : μ F, PF : μ μ F

COILS

- MMH : mH, UH : μ H

REF NO.	PART NO.	DESCRIPTION	REMARK
9-1. KLV-26S550A			
	* A-1663-488-A	HT1 MOUNT *****	
	* A-1665-115-A A-1704-566-A	GT3 COMPLETE (EXCEPT 26S550A RUSSIA) GT3(26) COMPLETE (26S550A RUSSIA) *****	
	 A-1708-543-A	BT2 MOUNT (SERVICE) (26S550A RUSSIA)	
	 A-1665-501-A	BT2 MOUNT (SERVICE) (EXCEPT 26S550A RUSSIA) *****	

		ACCESSORIES AND PACKING MATERIALS *****	
	1-569-008-33	ADAPTOR, CONVERSION (26S550A PHILIPPINES)	
	1-770-019-71	ADAPTOR, CONVERSION PLUG 3P (26S550A GE)	
	* 4-127-333-01	CUSHION, UPPER	
	* 4-127-334-01	CUSHION, LOWER	
	1-821-926-11	PLUG CONVERSION ADAPTOR (26S550A SOUTH AFRICA)	
	* 4-127-335-01	INDIVIDUAL CARTON	
	4-130-985-11	MANUAL, INSTRUCTION (ENGLISH) (26S550A (GE, ME, SOUTH AFRICA))	
	4-130-985-21	MANUAL, INSTRUCTION (CHINESE) (26S550A GE, ME)	
	4-130-985-31	MANUAL, INSTRUCTION (ARABIAN) (26S550A ME)	
	4-130-985-41	MANUAL, INSTRUCTION (PERSIAN) (26S550A ME)	
	4-130-985-51	MANUAL, INSTRUCTION (RUSSIAN) (26S550A ME, RUSSIA)	
	4-130-985-61	MANUAL, INSTRUCTION (FRENCH) (26S550A ME)	
	4-130-985-71	MANUAL, INSTRUCTION (UKHRAINE) (26S550A RUSSIA)	
	4-137-767-11	MANUAL, INSTRUCTION (ENGLISH) (26S550A (INDIA, PHILIPPINES, THAILAND))	
	4-137-767-21	MANUAL, INSTRUCTION (THAILAND) (26S550A (PHILIPPINES, THAILAND))	
	X-2190-783-1	BAG ASSY, RUDDER LOCK (26S550A (INDIA, PHILIPPINES, THAILAND))	

		<CONNECTORS>	
	1-836-562-11	LEAD WIRE WITH CONNECTOR(LVDS)	
	* 1-910-053-23	CONNECTOR ASSY 13P	
	* 1-910-053-35	CONNECTOR ASSY 10P	
	* 1-910-053-36	CONNECTOR ASSY 14P	
	* 1-910-053-37	SP CONNECTOR ASSY 4P	

REF NO.	PART NO.	DESCRIPTION	REMARK

		MISCELLANEOUS *****	
	1-487-326-11	SWITCH UNIT	
	1-500-386-11	FILTER, CLAMP (FERRITE CORE) (26S550A RUSSIA)	
	4-022-115-00	HOLDER, AC CORD	
	 1-836-510-11	POWERSUPPLYCORD(WITHCONNECTOR) (EXCEPT 26S550A (INDIA, THAILAND))	
	1-836-511-11	POWER SUPPLY CORD (26S550A THAILAND)	
	 1-836-512-11	POWER SUPPLY CORD (26S550A INDIA)	

		REMOTE COMMANDER *****	
	1-487-316-11	REMOTE COMMANDER (RM-GA016) (DARK GRAY)	
	1-487-316-31	REMOTE COMMANDER (RM-GA016) (DARK GRAY)	
	9-885-123-43	REMOTE COMMANDER BATTERY COVER (DARK GRAY)	
	9-885-131-73	REMOTE COMMANDER BATTERY COVER (DARK GRAY)	

9-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T			
	 A-1665-502-A	BT2 MOUNT (SERVICE) (32S530A (ME, THAILAND))	
	 A-1707-902-A	BT2 MOUNT (SERVICE) (32S550A (RUSSIA, TUNISIA), 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	 A-1663-500-A	BT2 MOUNT (SERVICE) (EXCEPT 32S530A (ME, THAILAND), 32S550A (RUSSIA, TUNISIA), 32S550A/L RUSSIA, 32S550A/T RUSSIA) *****	
	* A-1663-495-A	GT3 COMPLETE (EXCEPT 32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	* A-1704-563-A	GT3 COMPLETE (32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA) *****	
	* A-1663-488-A	HT1 MOUNT *****	

REF NO.	PART NO.	DESCRIPTION	REMARK	REF NO.	PART NO.	DESCRIPTION	REMARK
		ACCESSORIES AND PACKING MATERIALS *****		4-146-351-11		MANUAL, INSTRUCTION (ENGLISH & PERSIAN) (32S550A(IRAN))	
	1-569-008-33	ADAPTOR, CONVERSION (32S550A PHILIPPINES, 32S550A/L PHILIPPINES, 32S550A/T PHILIPPINES)		X-2190-783-1		BAG ASSY, RUDDER LOCK (32S550A (INDIA, PHILIPPINES, THAILAND)), 32S550A/L (PHILIPPINES), 32S550A/T (PHILIPPINES))	
	1-770-019-71	ADAPTOR, CONVERSION PLUG 3P (32S550A GE, 32S550A/L GE, 32S550A/TGE)		*****			
	1-821-926-11	PLUG CONVERSION ADAPTOR (32S550A SOUTH AFRICA, 32S550A/L SOUTH AFRICA, 32S550A/T SOUTH AFRICA)				<CONNECTORS>	
	2-669-511-11	BAG, POLYETHYLENE (32S550A (THAILAND, PHILIPPINES, INDIA), 32S550A/L PHILIPPINES, 32S550A/T PHILIPPINES)		*	1-910-053-22	CONNECTOR ASSY 10P	
				*	1-910-053-23	CONNECTOR ASSY 13P	
				*	1-910-053-24	CONNECTOR ASSY 14P	
*	4-127-336-01	CUSHION, UPPER (EXCEPT 32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)			1-836-565-11	LEAD WIRE WITH CONNECTOR(LVDS) (32S550A (NEW ZEALAND, RUSSIA, TUNISIA))	
*	4-140-607-01	CUSHION UPPER (32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)			1-836-564-11	LEAD WIRE WITH CONNECTOR(LVDS) (EXCEPT 32S550A (NEW ZEALAND, RUSSIA, TUNISIA))	
*	4-127-337-01	CUSHION, LOWER (EXCEPT 32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)			1-836-564-11	LEAD WIRE WITH CONNECTOR(LVDS) (32S530A)	
*	4-140-608-01	CUSHION LOWER (32S550A NEW ZEALAND, 32S550A/L RUSSIA, 32S550A/T RUSSIA)		*	1-910-053-25	SP CONNECTOR ASSY 4P	
*	4-127-338-01	INDIVIDUAL CARTON (EXCEPT (32S530A, 32S550A(India, Philippines, Thailand))		*****			
						MISCELLANEOUS *****	
*	4-136-041-01	INDIVIDUAL CARTON (32S530A(ME))		*	3-292-896-01	COVER, MS/USB	
*	4-137-768-01	INDIVIDUAL CARTON (32S550A(India, Philippines, Thailand))			1-500-386-11	FILTER, CLAMP (FERRITE CORE) (32S550A (IRAN, NEW ZEALAND, TUNISIA, RUSSIA), 32S550A/L RUSSIA, 32S550A/T RUSSIA)	
*	4-140-524-01	INDIVIDUAL CARTON (32S530A(Thailand))			4-022-115-00	HOLDER, AC CORD	
*	4-146-350-01	INDIVIDUAL CARTON (32S550A(Iran))			4-145-540-01	LABEL, POP(32S55-RUSS) (32S550A/L RUSSIA, 32S550A/T RUSSIA)	
	4-130-985-11	MANUAL, INSTRUCTION (ENGLISH) (32S530A(ME), 32S550A (GE, ME, NEW ZEALAND, SOUTH AFRICA, TUNISIA), 32S550A/L (SOUTH AFRICA, GE), 32S550A/T (GE, ME, SOUTH AFRICA))			4-136-079-01	LABEL, REAR TERMINAL(DERI) (32S530A)	
	4-130-985-21	MANUAL, INSTRUCTION (CHINESE) (32S550A (GE, ME, SOUTH AFRICA), 32S550A/L (GE, SOUTH AFRICA), 32S550A/T (GE, ME))		⚠	1-836-510-11	POWERSUPPLYCORD(WITHCONNECTOR) (EXCEPT 32S530A (THAILAND), 32S550A(INDIA, NEW ZEALAND))	
	4-130-985-31	MANUAL, INSTRUCTION (ARABIAN) (32S530A(ME), 32S550A (ME, TUNISIA) , 32S550A/L SOUTH AFRICA, 32S550A/T ME)		⚠	1-836-511-11	POWER SUPPLY CORD (32S530A THAILAND)	
	4-130-985-41	MANUAL, INSTRUCTION (PERSIAN) (32S530A(ME), 32S550A ME , 32S550A/L SOUTH AFRICA, 32S550A/T ME)		⚠	1-836-512-11	POWER SUPPLY CORD (32S550A INDIA)	
	4-130-985-51	MANUAL, INSTRUCTION (RUSSIAN) (32S530A(ME), 32S550A (ME, RUSSIA), 32S550A/L (RUSSIA, SOUTH AFRICA), 32S550A/T (ME, RUSSIA))		⚠	1-836-513-11	POWER SUPPLY CORD (32S550A(NEW ZEALAND))	
	4-130-985-61	MANUAL, INSTRUCTION (FRENCH) (32S530A(ME), 32S550A ME, TUNISIA, 32S550A/L SOUTH AFRICA, 32S550A/T ME)			1-487-326-11	SWITCH UNIT	
	4-130-985-71	MANUAL, INSTRUCTION (UKHRAINE) (32S550A RUSSIA, 32S550A/L RUSSIA, 32S550A/T RUSSIA)			4-103-642-11	EMBLEM, SONY NO8 (32S550A(IRAN))	
	4-137-767-11	MANUAL, INSTRUCTION (ENGLISH) (32S530A(Thailand), 32S550A (INDIA, THAILAND, PHILIPPINES), 32S550A/L PHILIPPINES, 32S550A/T PHILIPPINES)		*****			
	4-137-767-21	MANUAL, INSTRUCTION (THAILAND) (32S530A(Thailand), 32S550A (PHILIPPINES, THAILAND), 32S550A/L PHILIPPINES, 32S550A/T PHILIPPINES)				REMOTE COMMANDER *****	
					1-487-316-11	REMOTE COMMANDER (RM-GA016) (DARK GRAY)	
					1-487-316-31	REMOTE COMMANDER (RM-GA016) (DARK GRAY)	
					9-885-123-43	REMOTE COMMANDER BATTERY COVER (DARK GRAY)	
					9-885-131-73	REMOTE COMMANDER BATTERY COVER (DARK GRAY)	

REF NO.	PART NO.	DESCRIPTION	REMARK
9-3. KLV-37S550A			
	A-1671-483-A	BT2 MOUNT (SERVICE) (EXCEPT 37S550A (RUSSIA, TUNISIA))	
	A-1707-902-A	BT2 MOUNT (SERVICE) (37S550A (RUSSIA, TUNISIA)) *****	
	* A-1663-488-A	HT1 MOUNT *****	
	1-474-161-11	PS UNIT(G4T) *****	

ACCESSORIES AND PACKING MATERIALS *****			
	1-569-008-33	ADAPTOR, CONVERSION (37S550A PHILIPPINES)	
	1-770-019-71	ADAPTOR, CONVERSION PLUG 3P (37S550A GE)	
	1-821-926-11	PLUG CONVERSION ADAPTOR (37S550A SOUTH AFRICA)	
	2-669-511-11	BAG, POLYETHYLENE (37S550A (INDIA, PHILLIPINES, TAIWAN))	
	* 4-127-339-01	CUSHION, UPPER (EXCEPT 37S550A (GE, NEW ZEALAND, SOUTH AFRICA))	
	* 4-141-724-01	CUSHION UPPER (37S550A IRAN, GE, NEW ZEALAND, SOUTH AFRICA))	
	* 4-127-340-01	CUSHION, LOWER (EXCEPT 37S550A (IRAN, GE, NEW ZEALAND, SOUTH AFRICA))	
	* 4-141-725-01	CUSHION LOWER (37S550A (IRAN, GE, NEW ZEALAND, SOUTH AFRICA))	
	* 4-127-341-01	INDIVIDUAL CARTON (EXCEPT 37S550A(IRAN))	
	* 4-147-046-01	INDIVIDUAL CARTON (37S550A IRAN)	
	4-130-985-11	MANUAL, INSTRUCTION (ENGLISH) (37S550A (GE, ME, NEW ZEALAND, SOUTH AFRICA, TUNISIA))	
	4-130-985-21	MANUAL, INSTRUCTION (CHINESE) (37S550A (GE, ME))	
	4-130-985-31	MANUAL, INSTRUCTION (ARABIAN) (37S550A (ME, TUNISIA))	
	4-130-985-41	MANUAL, INSTRUCTION (PERSIAN) (37S550A ME)	
	4-130-985-51	MANUAL, INSTRUCTION (RUSSIAN) (37S550A (ME, RUSSIA))	
	4-130-985-61	MANUAL, INSTRUCTION (FRENCH) (37S550A (ME, TUNISIA))	
	4-130-985-71	MANUAL, INSTRUCTION (UKHRAINE) (37S550A RUSSIA)	
	4-137-767-11	MANUAL, INSTRUCTION (ENGLISH) (37S550A (INDIA, PHILIPPINES, THAILAND))	

REF NO.	PART NO.	DESCRIPTION	REMARK
	4-137-767-21	MANUAL, INSTRUCTION (THAILAND) (37S550A (PHILIPPINES, THAILAND))	
	4-146-351-11	MANUAL, INSTRUCTION (37S550A(IRAN))	

	<CONNECTORS>		
	* 1-910-053-47	CONNECTOR ASSY 10P	
	* 1-910-053-48	CONNECTOR ASSY 13P	
	* 1-910-053-49	CONNECTOR ASSY 14P	
	1-836-566-11	LEAD WIRE WITH CONNECTOR(LVDS) (EXCEPT 37S550A NEW ZEALAND)	
	1-836-567-11	LEAD WIRE WITH CONNECTOR(LVDS) (37S550A NEW ZEALAND)	
	* 1-910-053-50	SP CONNECTOR ASSY 4P	

	<MISCELLANEOUS>		
	1-500-386-11	FILTER, CLAMP (FERRITE CORE) (37S550A (NEW ZEALAND, RUSSIA, TUNISIA))	
	4-022-115-00	HOLDER, AC CORD	
	4-143-818-11	LABEL, ENERGY RATING(S) (37S550A NEW ZEALAND)	
	4-140-368-01	LABEL, MRP (37S550A INDIA)	
	△ 1-836-510-11	POWERSUPPLYCORD(WITHCONNECTOR) (EXCEPT 37S550A (INDIA, NEW ZEALAND, THAILAND))	
	△ 1-836-511-11	POWER SUPPLY CORD (37S550A THAILAND)	
	△ 1-836-512-11	POWER SUPPLY CORD (37S550A INDIA)	
	△ 1-836-513-11	POWER SUPPLY CORD (37S550A NEW ZEALAND)	
	4-131-527-11	SPACER, G BOARD	
	1-487-326-11	SWITCH UNIT	
	4-100-136-01	SHEET(CORE), C (32S550A(IRAN))	
	4-103-642-21	EMBLEM, SONY NO. 8 (37S550A(IRAN))	

	REMOTE COMMANDER		

	1-487-316-11	REMOTE COMMANDER (RM-GA016) (DARK GRAY)	
	1-487-316-31	REMOTE COMMANDER (RM-GA016) (DARK GRAY)	
	9-885-123-43	REMOTE COMMANDER BATTERY COVER (DARK GRAY)	
	9-885-131-74	REMOTE COMMANDER BATTERY COVER (DARK GRAY)	

SUPPLEMENT-1

EX2T CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>
KLV-26S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, ME, Philippines, Russia, South Africa, Thailand	KLV-32S550A/L (Blue)	RM-GA016 & ~~RM-GA016W~~	GE, ME, Philippines, Russia, South Africa
KLV-32S530A	RM-GA016 & ~~RM-GA016W~~	ME, Thailand	KLV-32S550A/T (Brown)	RM-GA016 & ~~RM-GA016W~~	GE, ME, Philippines, Russia, South Africa
KLV-32S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, Iran, ME, New Zealand, Philippines, Russia, South Africa, Thailand Tunisia	KLV-37S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, Iran, ME, Philippines, Russia, Thailand, Tunisia

SUBJECT : Part Information Change: Addition of:
1. Removal of Rear Cover and Switch Unit Procedure
2. Triage Chart
3. Trouble Shooting

This supplement applies only to the models listed above.
Other information remains the same as in the original issue and previous supplements.

Please refer:
1) Removal of Rear Cover and Switch Unit Procedure (Page 45)
2) Triage Chart (Page 46)
3) Trouble Shooting (Page 47~50)

SECTION 1 SAFETY NOTES

1-7. Removal of Rear Cover Procedure



Note:
For Screws informations,
Please refer to Section 4 :
Disassembly .



Push point at Switch Unit.

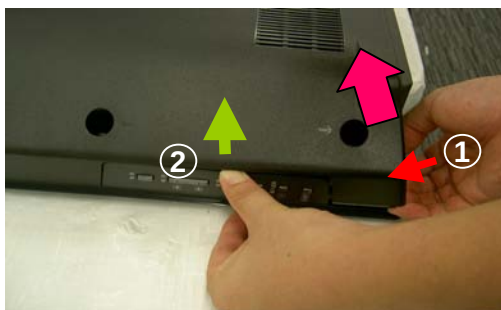


Photo show the position during rear cover opening:

- 1) Raise Point 1.
- 2) Press 'Push point' towards inner side of set.



- 3) Remove Rear Cover from Switch Unit while pushing at Switch Unit towards inner set.

1-8. Removal of Switch Unit Procedure

1



Push this position to remove Switch Unit more easily

2



Push and slant towards inner side of set.

Push and slant towards inner side of set to remove Switch Unit correctly.

SECTION 2 SELF DIAGNOSTIC FUNCTION

2-7. Triage Chart

2-7-1. KLV-26S550A, 32S530A, 32S550A, 32S550A/L, 32S550A/T

Failure	2x	4x	6x	7x	8x	No Power	Sound NG	Picture NG
BT2	△	△	△	△	△	△	△	△
GT3	△	△	△			△	△	△
Panel			△					△
Speaker					△			

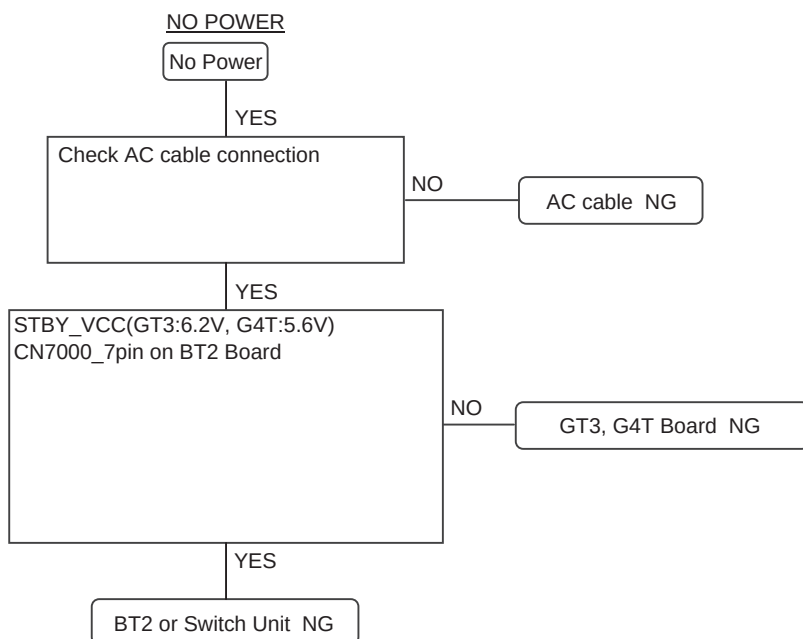
2-7-2. KLV-37S550A

Failure	2x	4x	6x	7x	8x	No Power	Sound NG	Picture NG
BT2	△	△	△	△	△	△	△	△
G4	△	△	△			△	△	△
Panel			△					△
Speaker					△			

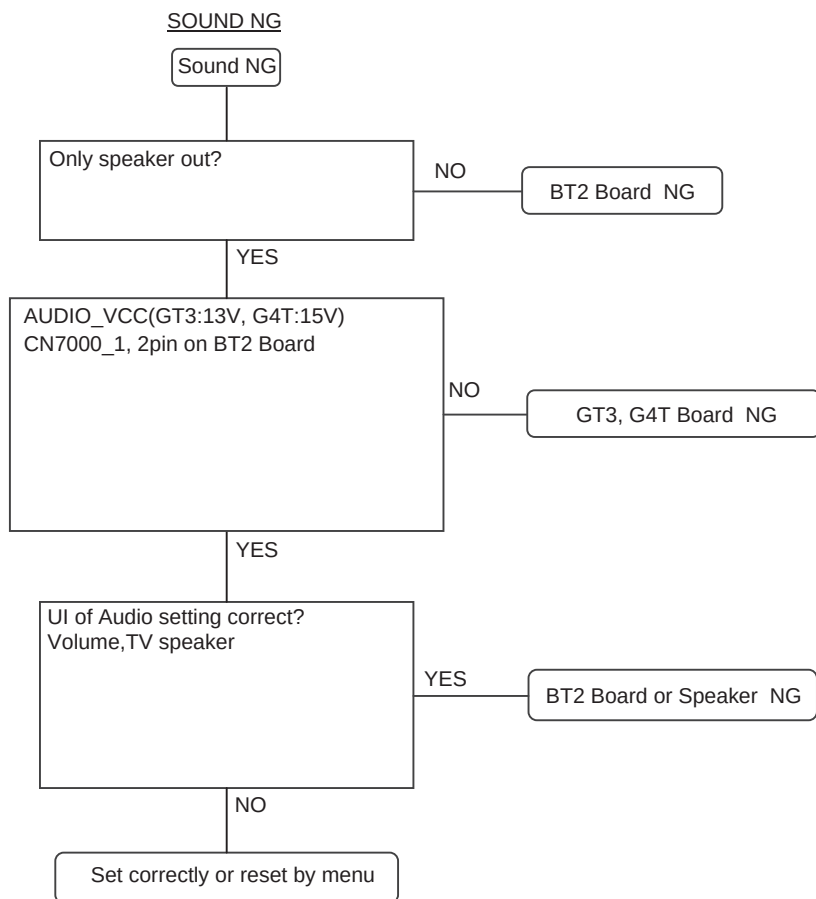
SECTION 3 TROUBLE SHOOTING

3-1. Flowchart

3-1-1. NO POWER

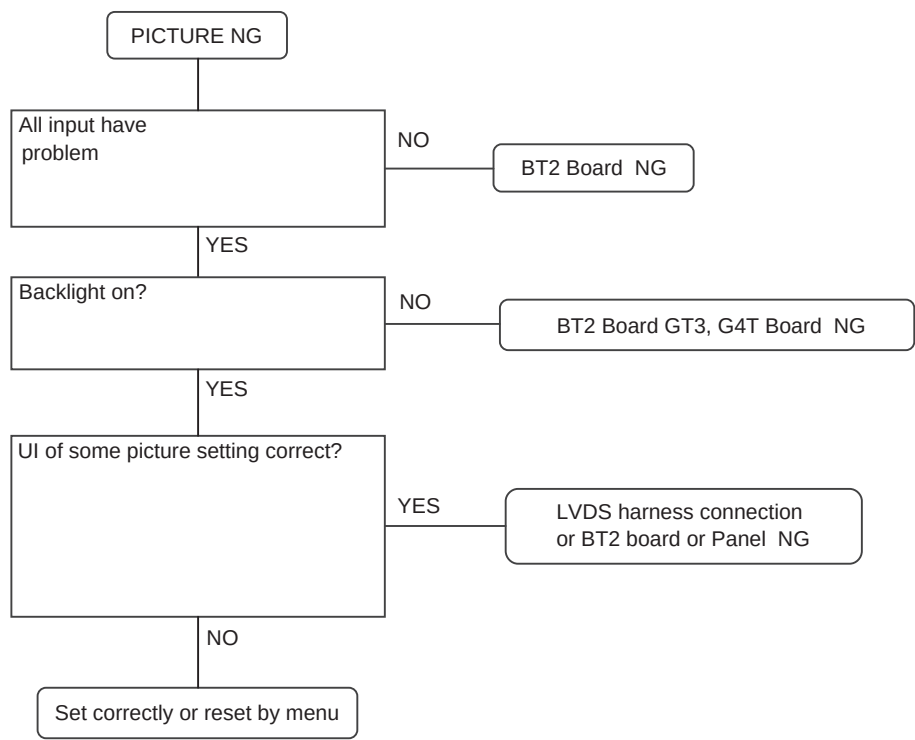


3-1-2. SOUND NG



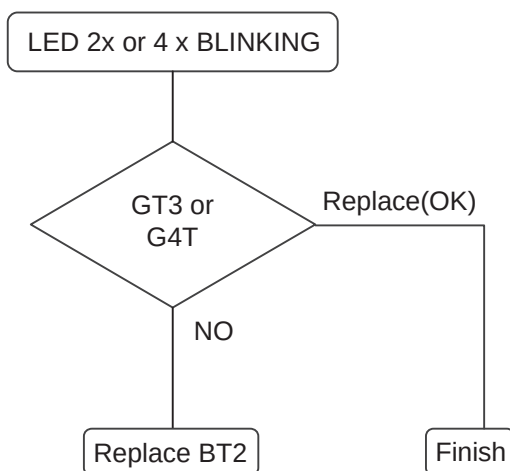
3-1-3. PICTURE NG

PICTURE NG

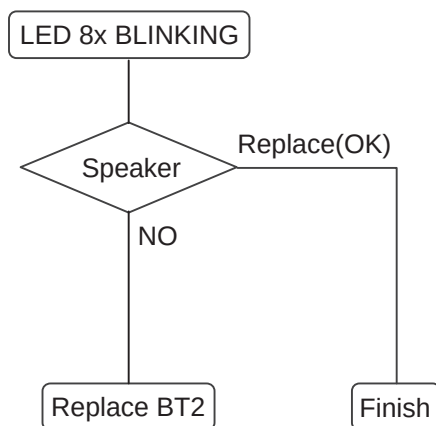


3-2. Board Replacement Order

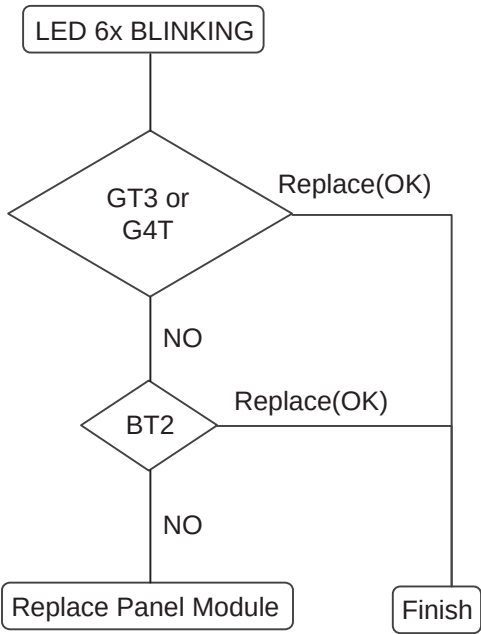
3-2-1. LED 2x or 4x BLINKING



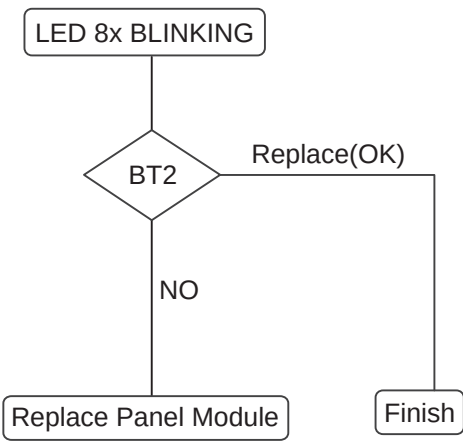
3-2-2. LED 8x BLINKING



3-2-3. LED 6x BLINKING



3-2-4. LED 7x BLINKING



SUPPLEMENT-2

EX2T CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>
KLV-26S550A	RM-GA016 & ~~RM-GA016W~~	GE, India, Sogul, Iran, Saudi Arabia, Singapore, ARM, Indonesia, Philippines, Russia, South Africa, Thailand Vietnam.			

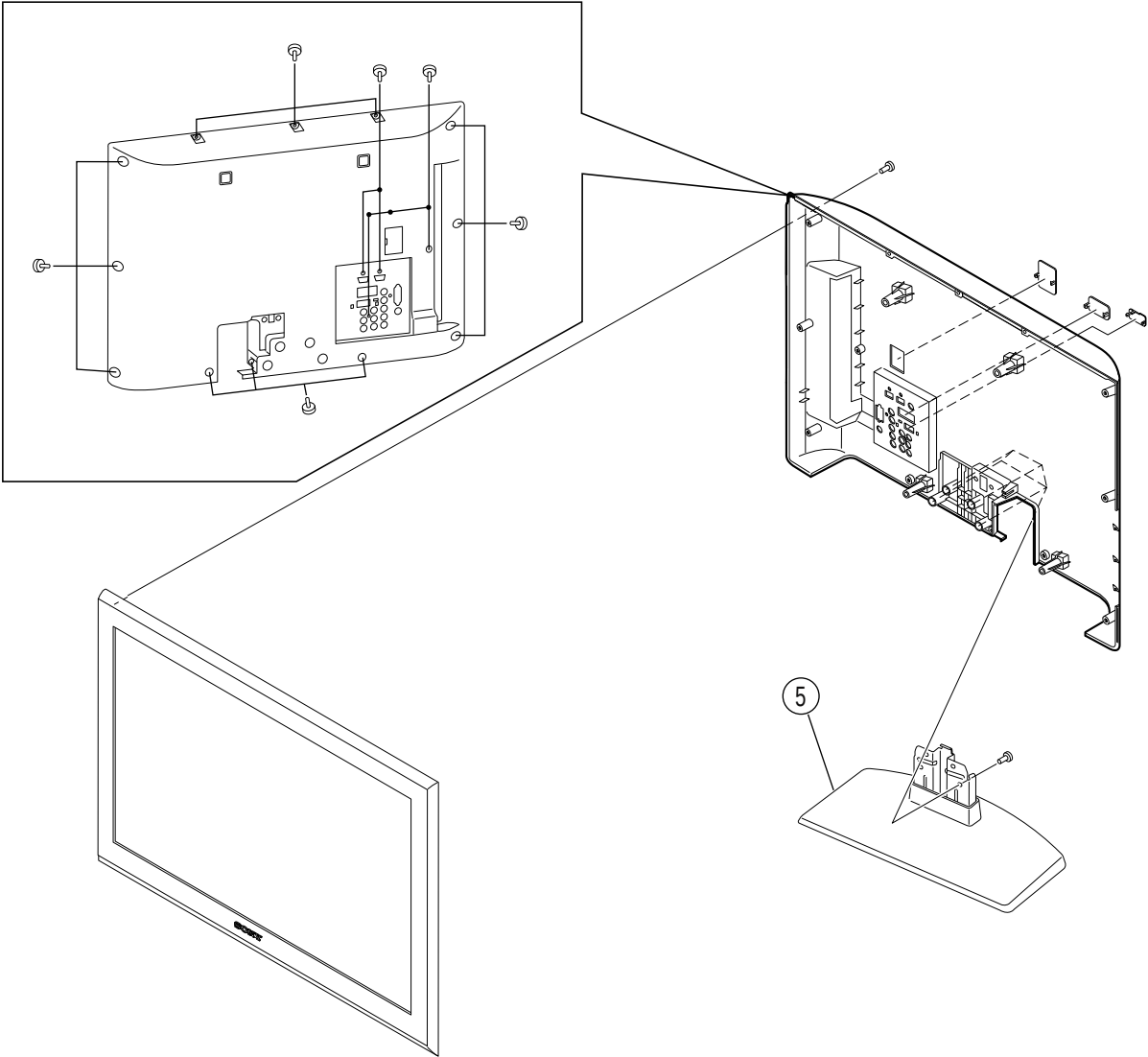
SUBJECT : Part Information Change: Addition of:
i) Stand Assy
ii) Fall lock belt bag assy

This supplement shows only variant information for the new model(s).
Other information remains the same as in the original issue.

- Please refer:
- 1) Stand Assy (Page 52)
 - 2) Fall lock belt bag assy (Page 53)

SECTION 8
EXPLODED VIEWS

8-1. KLV-26S550A
8-1-1. REAR CABINET AND STAND ASSY



REF. NO.	PART NO.	DESCRIPTION	REMARK
5	X-2349-157-1	STAND ASSY (M1) (26S550A (INDIA, PHILIPINES, THAILAND, VIETNAM))	

SECTION 9

ELECTRICAL PARTS LIST

<u>REF NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
	X-2348-140-2	BAG ASSY, FALL LOCK BELT (26S550A)	

SUPPLEMENT-3

EX2T CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>
<i>KLV-32S530A</i>	<i>RM-GA016</i>	<i>SOGUL, Thailand</i>	<i>KLV-32S550A/L</i> (Blue)	<i>RM-GA016</i>	<i>Hong Kong,</i> <i>Malaysia, SOGUL,</i> <i>Iran, Saudi Arabia,</i> <i>Singapore, ARM,</i> <i>Indonesia,</i> <i>Phillipines, Vietnam</i> <i>South Africa</i>
<i>KLV-32S550A</i>	<i>RM-GA016</i>	<i>Hong Kong,</i> <i>Malaysia, India, Iran,</i> <i>SOGUL,</i> <i>Saudi Arabia,</i> <i>Singapore, ARM,</i> <i>Indonesia,</i> <i>New Zealand,</i> <i>Phillipines, Vietnam,</i> <i>Russia,</i> <i>South Africa, Tunisia</i>	<i>KLV-32S550A/T</i> (Brown)	<i>RM-GA016</i>	<i>Hong Kong,</i> <i>Malaysia, SOGUL,</i> <i>Iran, Saudi Arabia,</i> <i>Singapore, ARM,</i> <i>Indonesia,</i> <i>Phillipines, Russia,</i> <i>Thailand, Vietnam</i>

SUBJECT : Part Information Changed - LCD Panel Part Number

This supplement applies only to the models listed above.
Other information remains the same as in the original issue and previous supplements.

Please refer:

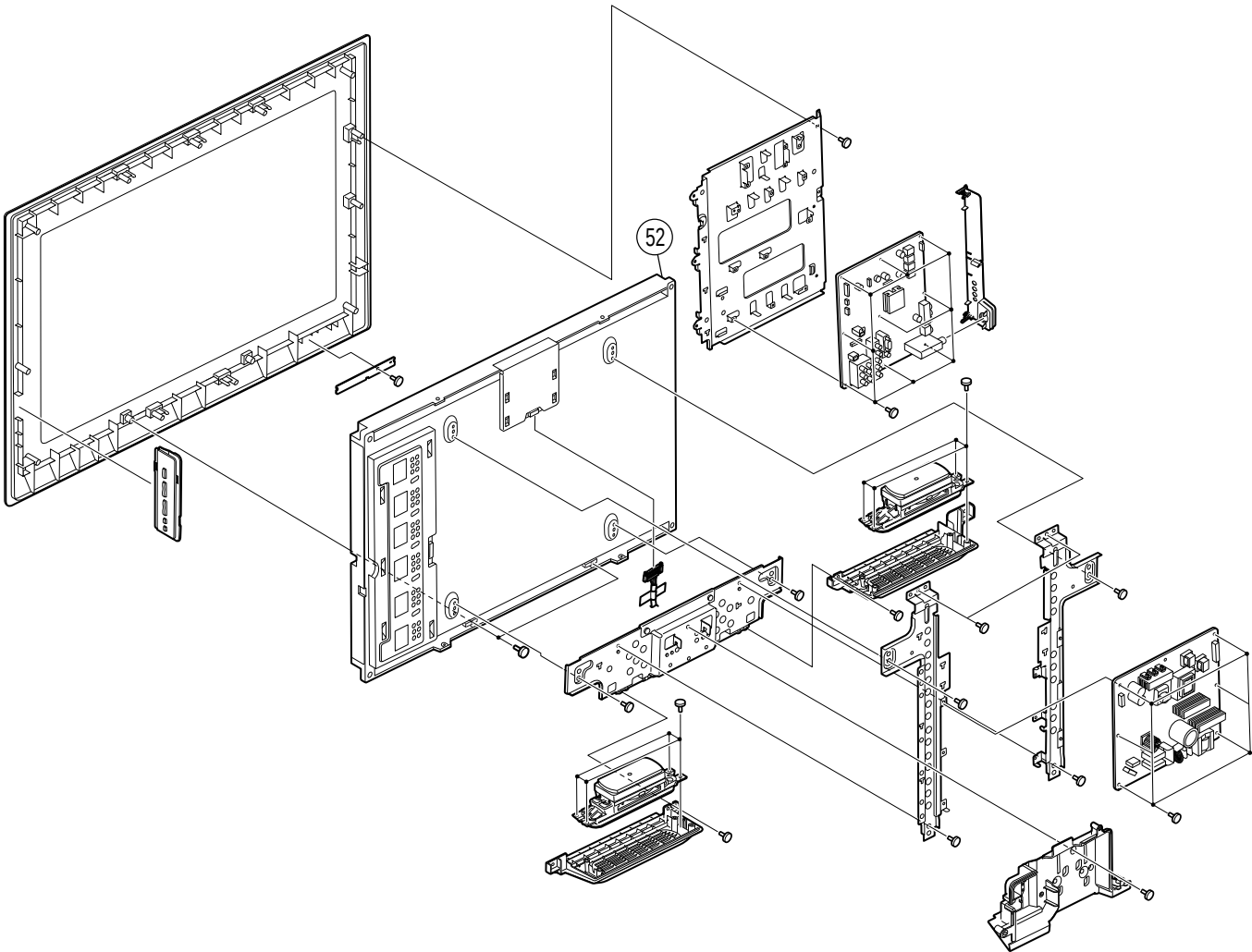
- 1) Exploded View (Page 55)
- 2) Electrical Part List (Page 56)

Note:

LCD Panel Part Number changed from CMO to SLCD.

Related to this matter, some connectors are changed accordingly. Please refer to page mentioned above for details informations.

8-2-2. BOARDS, SPEAKERS, BEZEL AND PANEL (refer page 38)



REF. NO.	PART NO.	DESCRIPTION	REMARK
52	△ 1-802-932-11	LCD PANEL (32 INCH WXGA TFT)	
	△ 1-802-932-32	LCD PANEL (32 INCH WXGA TFT)	

SECTION 9
ELECTRICAL PARTS LIST

REF NO.	PART NO.	DESCRIPTION	REMARK
---------	----------	-------------	--------

**9-2. KLV-32S530A, 32S550A, 32S550A/L, 32S550A/T
(REFER PAGE 42)**

1-836-846-11	LEAD WIRE WITH CONNECTOR(LVDS) (except 32S550A (NEW ZEALAND, RUSSIA, TUNISIA))
1-836-846-21	LEAD WIRE WITH CONNECTOR(LVDS) (except 32S550A (NEW ZEALAND, RUSSIA, TUNISIA))
1-836-847-11	LEAD WIRE WITH CONNECTOR(LVDS) (32S550A (NEW ZEALAND, RUSSIA, TUNISIA))
1-836-847-21	LEAD WIRE WITH CONNECTOR(LVDS) (32S550A (NEW ZEALAND, RUSSIA, TUNISIA))
1-910-053-52	CONNECTOR ASSY 14P

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>
KLV-26S550A/1	RM-GA016	SOGUL			
KLV-26S550A/3	RM-GA016	SOGUL			
KLV-32S550A/1	RM-GA016	SOGUL			
KLV-32S550A/3	RM-GA016	SOGUL			
KLV-37S550A/1	RM-GA016	SOGUL			
KLV-37S550A/3	RM-GA016	SOGUL			

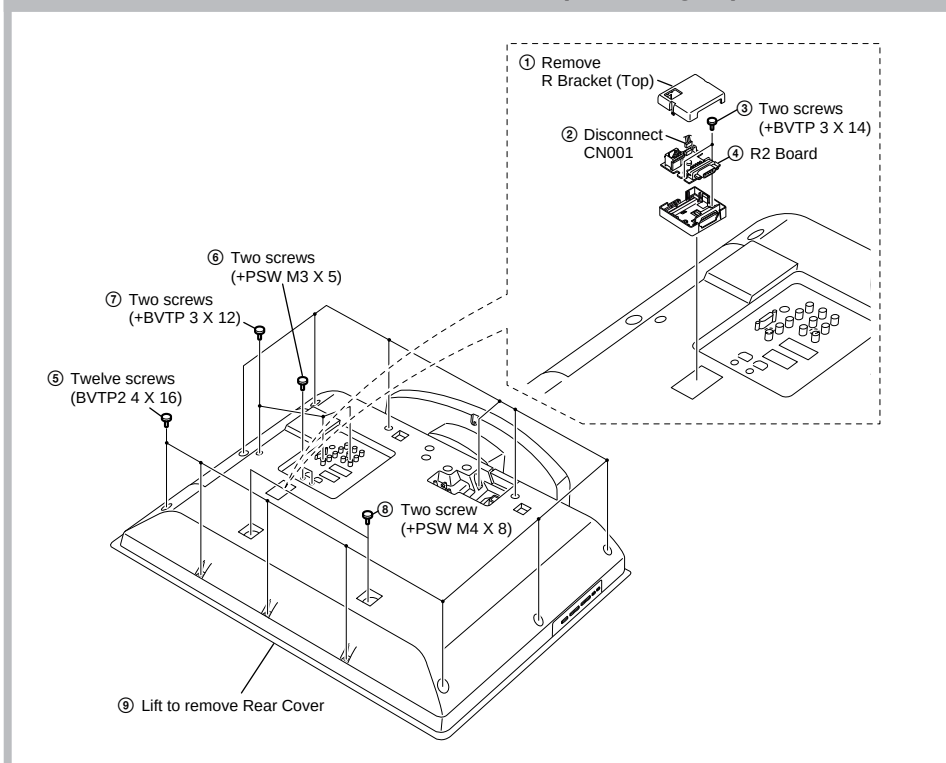
SUBJECT : New Model Addition

This supplement shows only variant information for the new model(s).
Other information remains the same as in the original issue.

SECTION 4: DISASSEMBLY

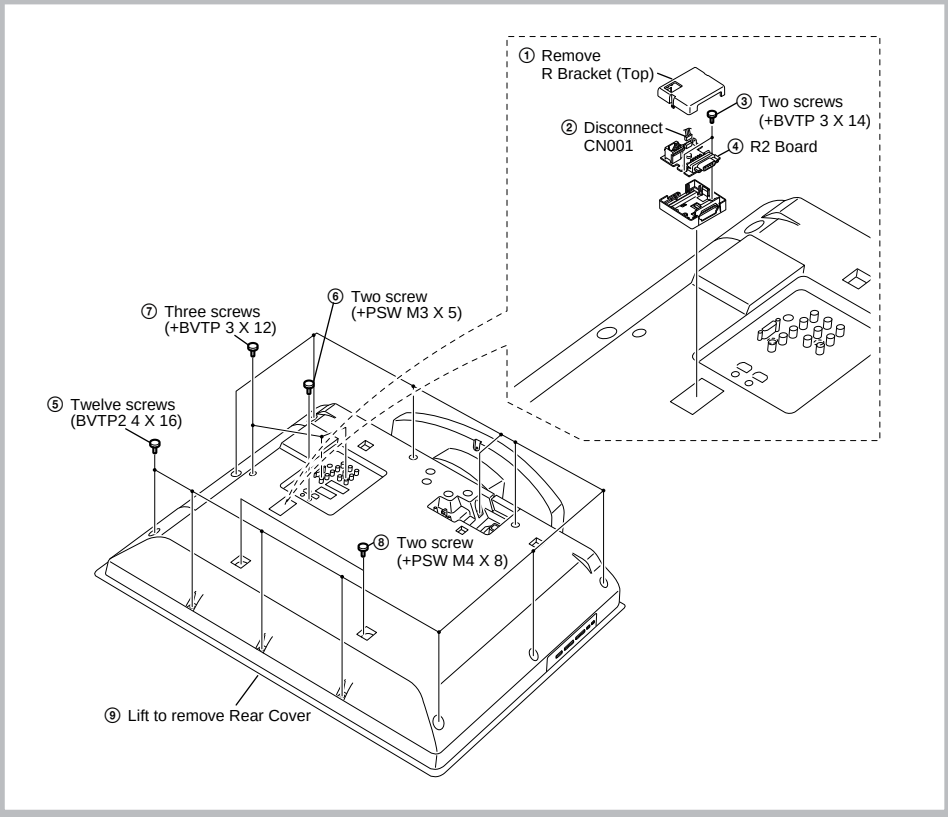
4-1. KLV-26S550A/1, 26S550A/3

4-1-1. R2 Board and Rear Cover Removal (Refer Page 8)



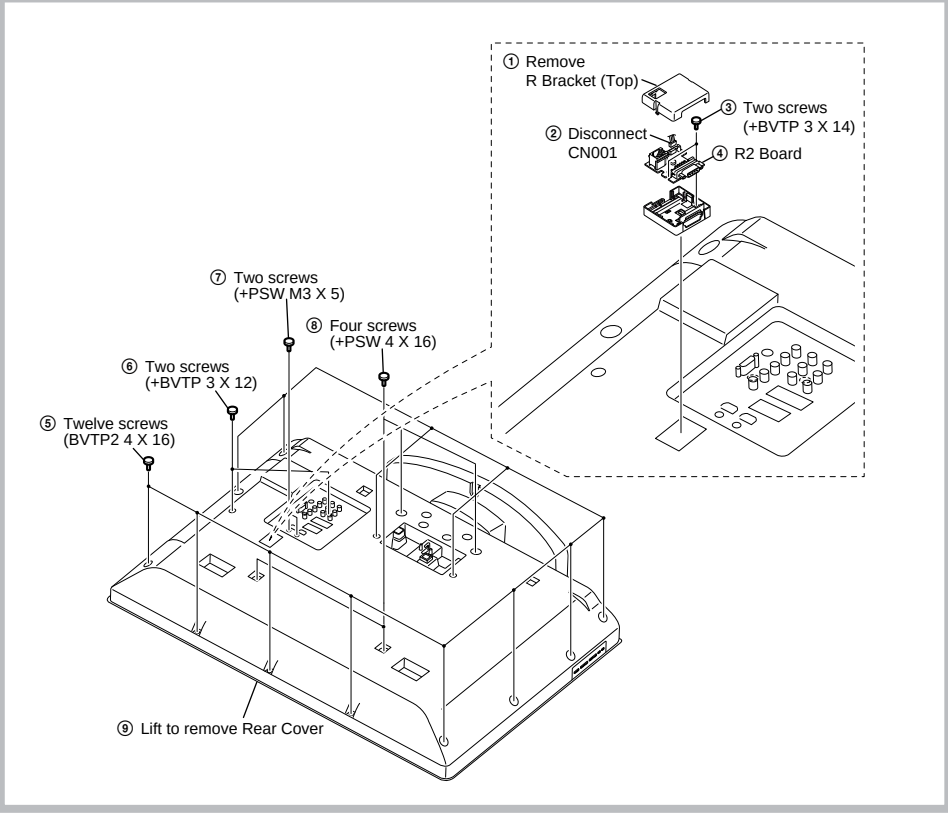
4-2. KLV-32S550A/1, 32S550A/3

4-2-1. R2 and Rear Cover Removal (refer page 9)



4-3. KLV-37S550A/1, 37S550A/3

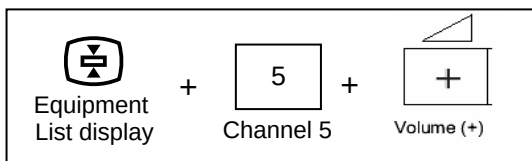
4-3-1. R2 and Rear Cover Removal (refer page 10)



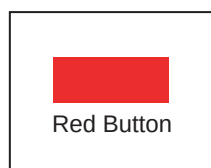
SECTION 5 SERVICE ADJUSTMENT (refer page 21)

Preset "Test" button on remote commander

1. Press the following buttons simultaneously on the remote commander RM-GA016 for a few seconds.

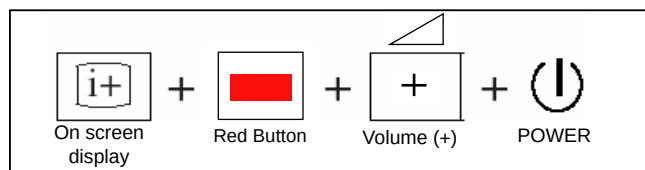


2. Once completed, the below button operates as a TEST button.

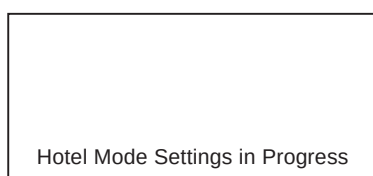


Entering Hotel Menu Mode

1. While TV set is on standby, press the following sequence on the remote commander(RM-GA016).



2. When the TV turns on, the indication "Hotel Mode Settings in Progress" appears on the bottom center of the screen.



3. Press 'Menu' on the remote commander.
4. The following menu appears on the screen:

Menu
Favourites
Programme List
External Inputs
FM Radio
Settings
Hotel Mode Settings

5. Press $\uparrow/\downarrow$ to select 'Hotel Mode Settings' and press $\oplus$.

6. The following menu appears on the screen.

Function Settings	
Hotel Mode	Off
TV / Remote Controls	Both Controls
Freeze	Use
Display Key	Use
AC Power On Setting	Unspecify
Wide Mode Key	Use
Standby LED	On
Initialize Hotel Settings	

7. Press $\leftarrow/\rightarrow$ to select 'Hotel Mode'. Then press $\oplus$.
8. Now press $\leftarrow/\rightarrow$ then $\uparrow/\downarrow$ to select 'ON' and press $\oplus$.

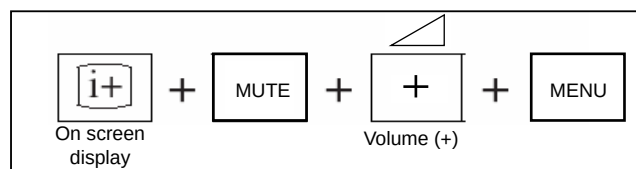
Function settings	
Hotel Mode	On
	Off

9. The TV set resets and restarts.
10. Now press 'Menu' on the remote commander.
11. The following menu confirms the hotel mode is ON.

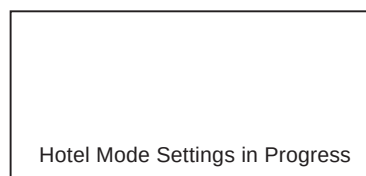
Language
Sleep Timer

Exiting Hotel Menu Mode

1. While TV set is ON, press the following sequence on the remote commander(RM-GA016).



2. The TV set restarts and show "Hotel Mode Settings in Progress" on the bottom center of the screen.

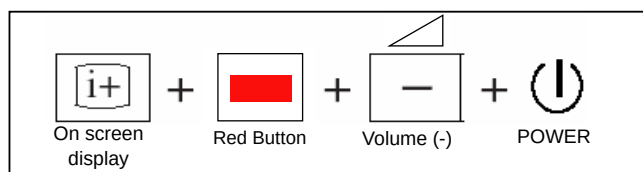


3. Now press 'Menu' on the remote commander.
4. The following menu confirms the hotel mode is OFF.

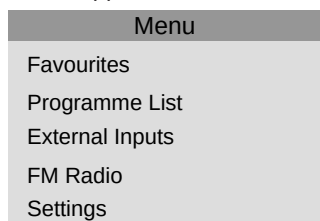
Menu
Favourites
Programme List
External Inputs
FM Radio
Settings
Hotel Mode Settings

Disable Hotel Menu Mode

1. While TV set is on standby, press the following sequence on the remote commander(RM-GA016).



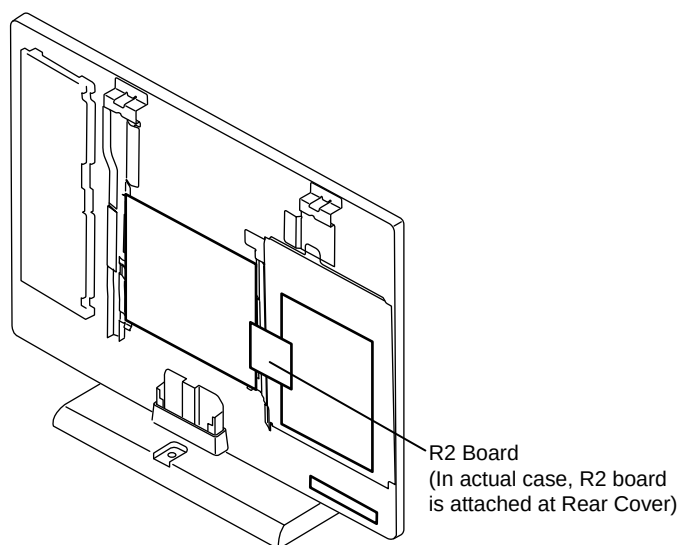
2. Press 'Menu' on the remote commander.
3. The below menu appears on the screen.



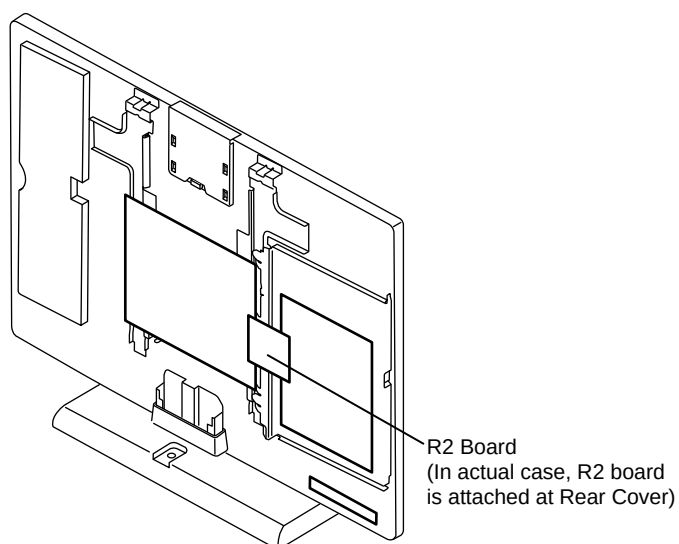
4. This menu confirms the hotel menu mode is disabled.

7-3. CIRCUIT BOARD LOCATION

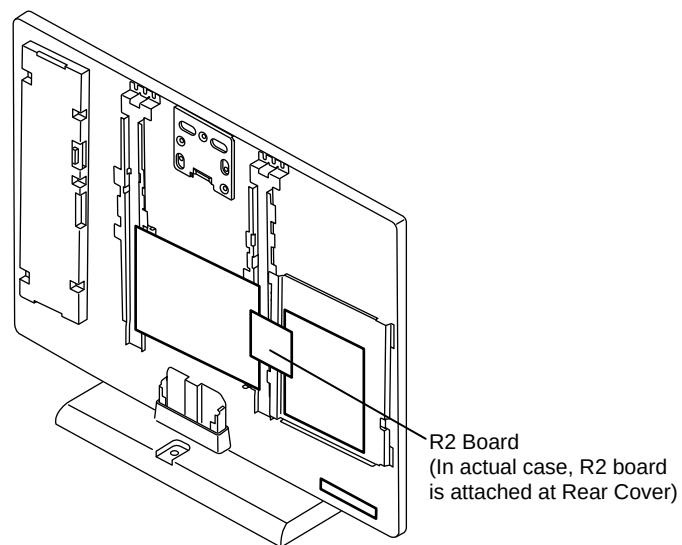
7-3-1 KLV-26S550A/1, 26S550A/3 (refer page 32)



7-3-2 KLV-32S550A/1, 32S550A/3 (refer page 32)



7-3-3 KLV-37S550A/1, 37S550A/3 (refer page 33)



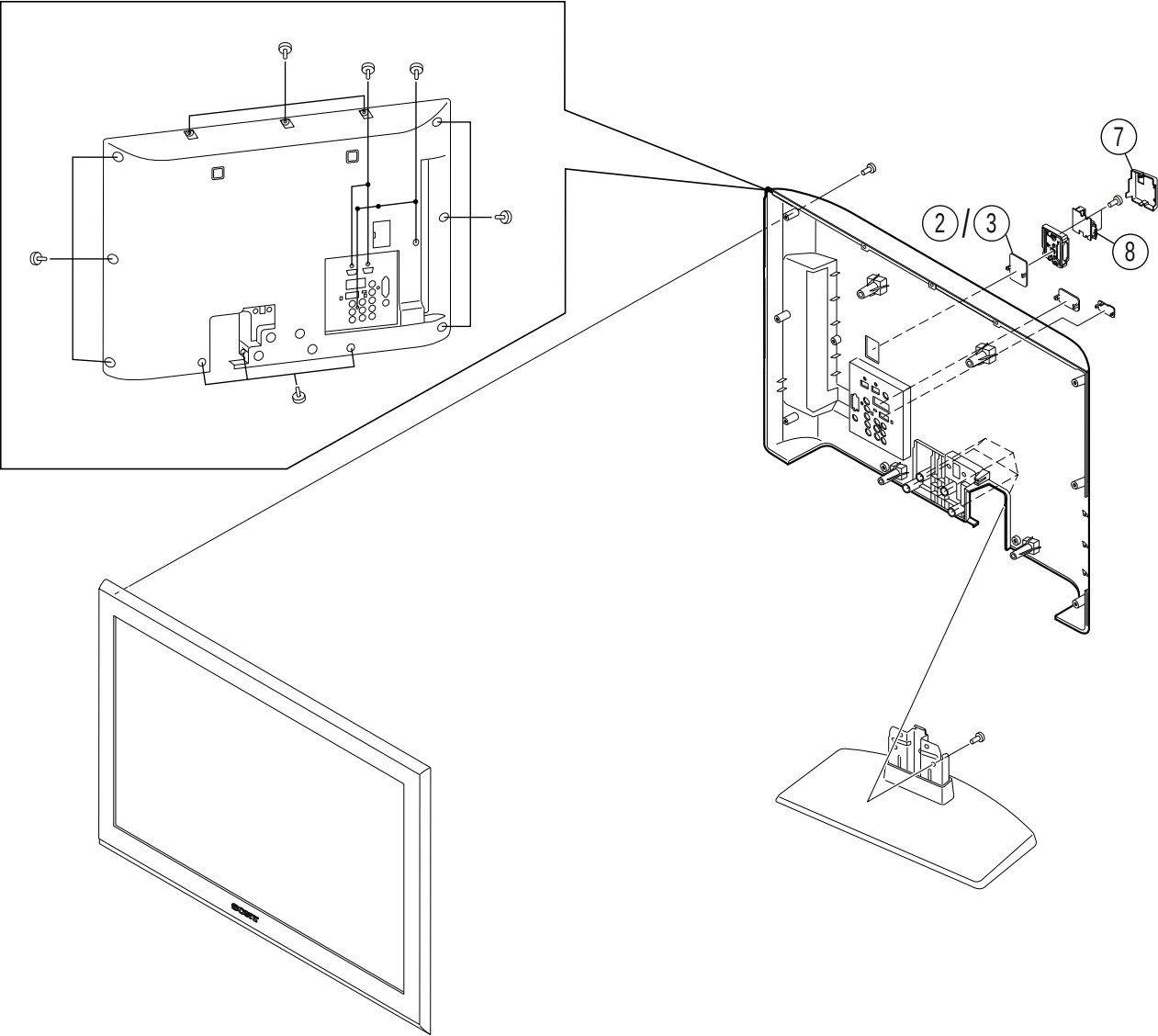
7-4. SCHEMATIC DIAGRAM
(refer page 34)

7-5. PRINTED WIRING BOARDS

Board	Function	Note
R2	Hotel Mode	Due to complexity of the board, performing component level field repairs are not recommended. Complete board replacement is required if service is necessary. For part number information, refer to Exploded View or Electrical Parts List section in this manual.

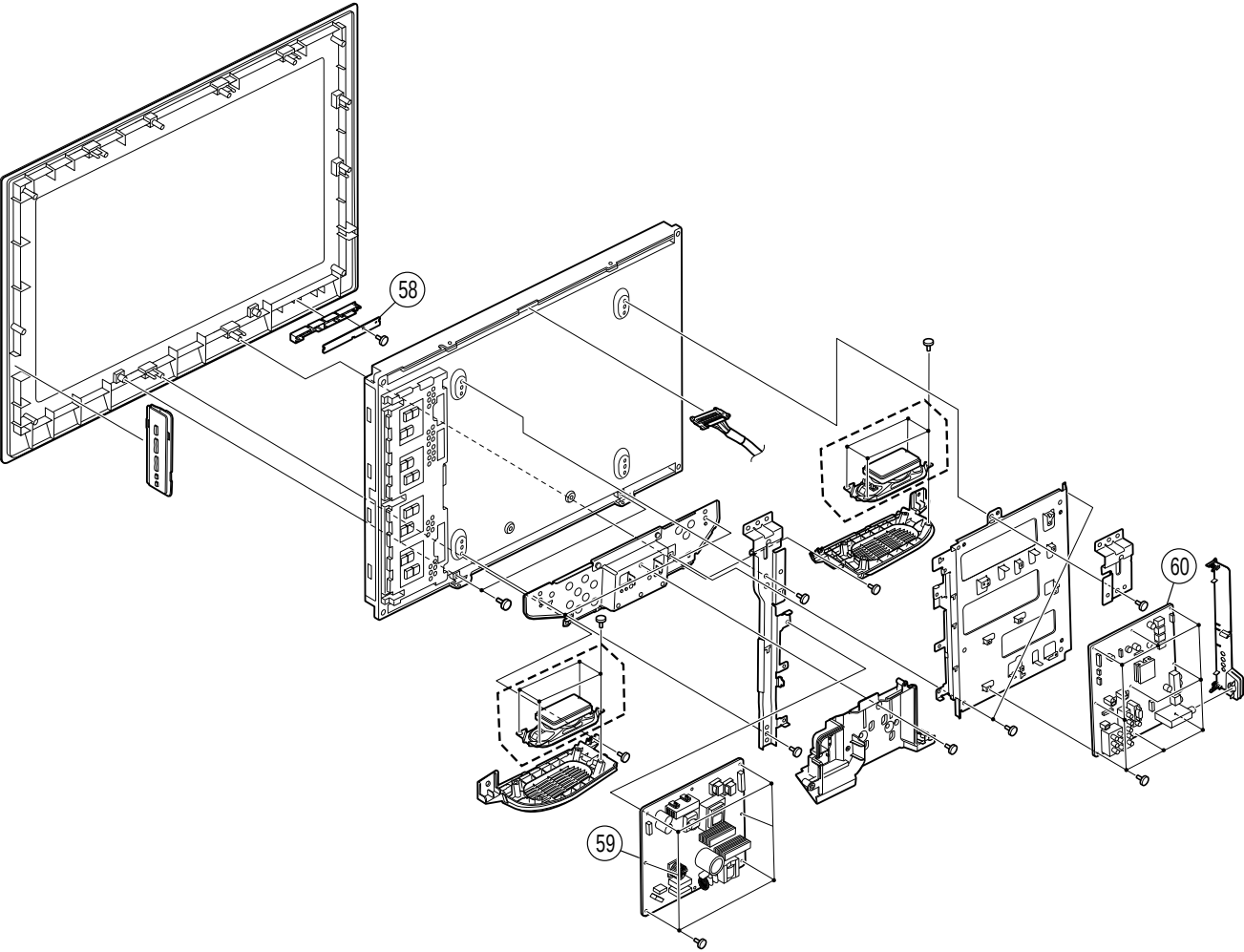
SECTION 8
EXPLODED VIEWS

8-1. KLV-26S550A/1, 26S550A/3
8-1-1. R2 BOARD, REAR CABINET AND STAND ASSY (refer page 35)



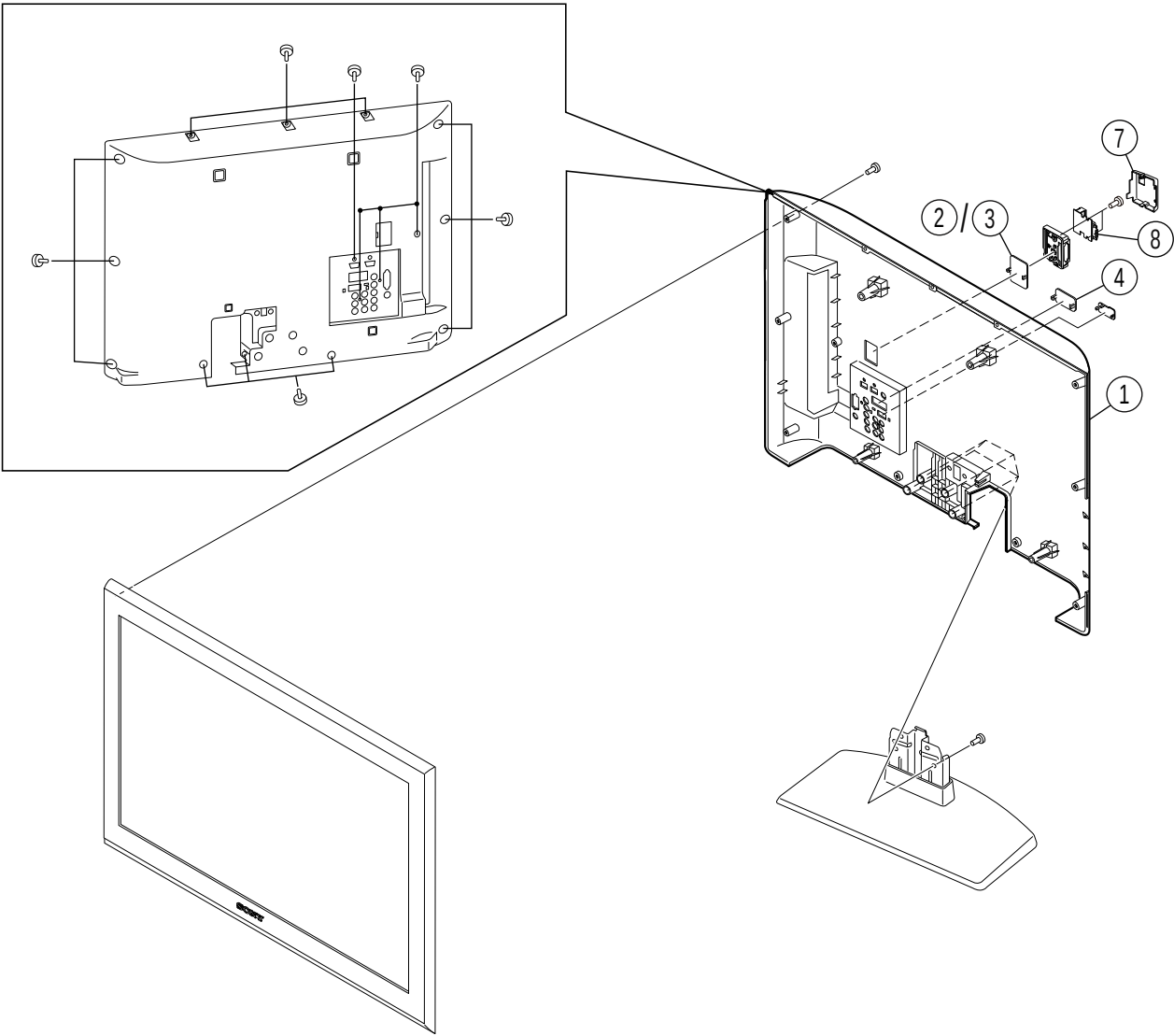
REF. NO.	PART NO.	DESCRIPTION	REMARK
2	-----	Not Supply-----	
3	-----	Not Supply-----	
7	* 4-111-643-01	R BRACKET (TOP)	
8	* A-1565-554-A	R2 MOUNT	

8-1-2. BOARDS, SPEAKERS, BEZEL AND PANEL (refer Page 36)



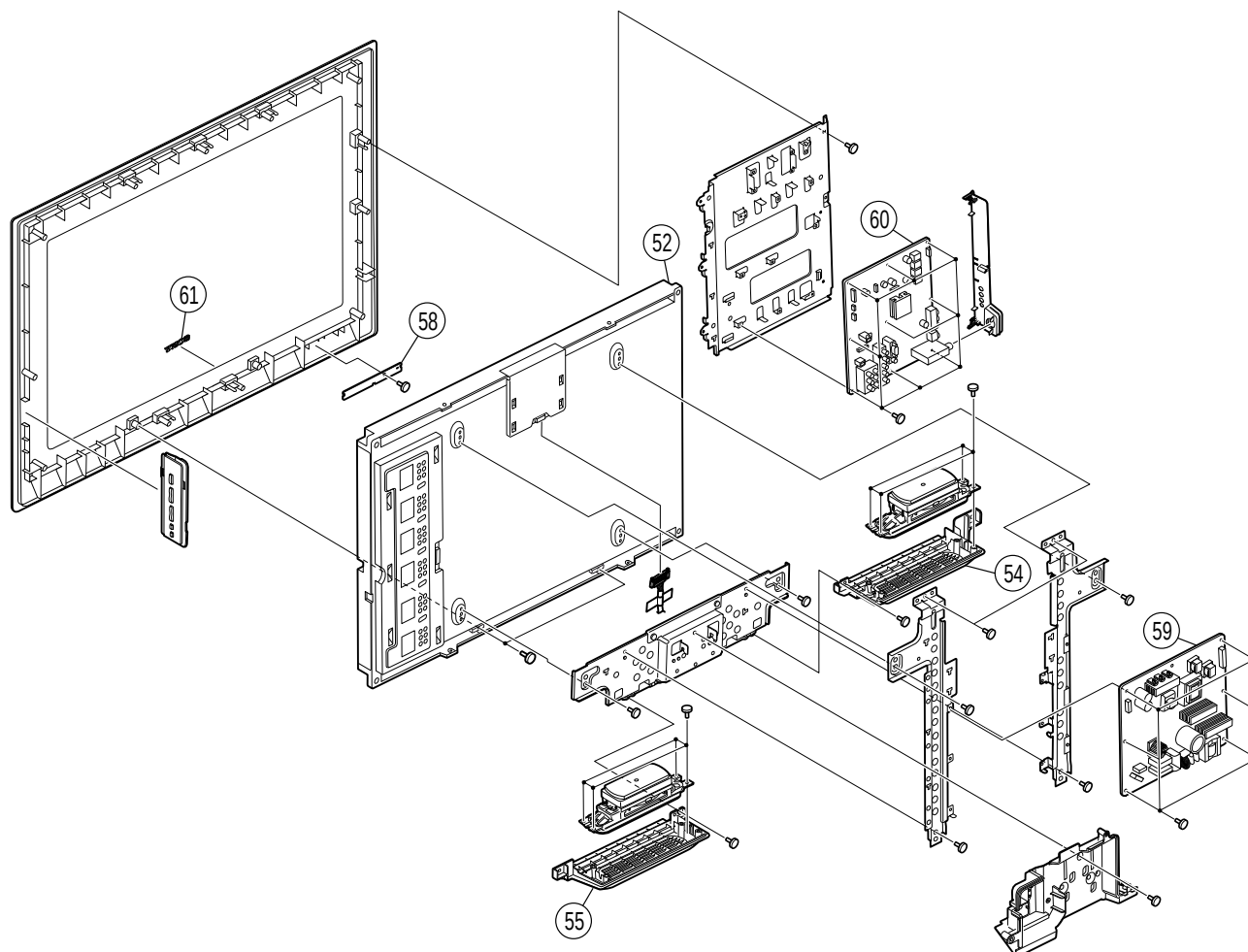
REF. NO.	PART NO.	DESCRIPTION	REMARK
58	* A-1663-488-B	HT1 MOUNT	
59	* A-1665-115-B	GT3 COMPLETE	
60	Ⓜ A-1738-901-A	BT2 MOUNT (SERVICE)	

8-2. KLV-32S550A/1, 32S550A/3
8-2-1. R2 BOARD, REAR CABINET AND STAND ASSY (refer Page 36)



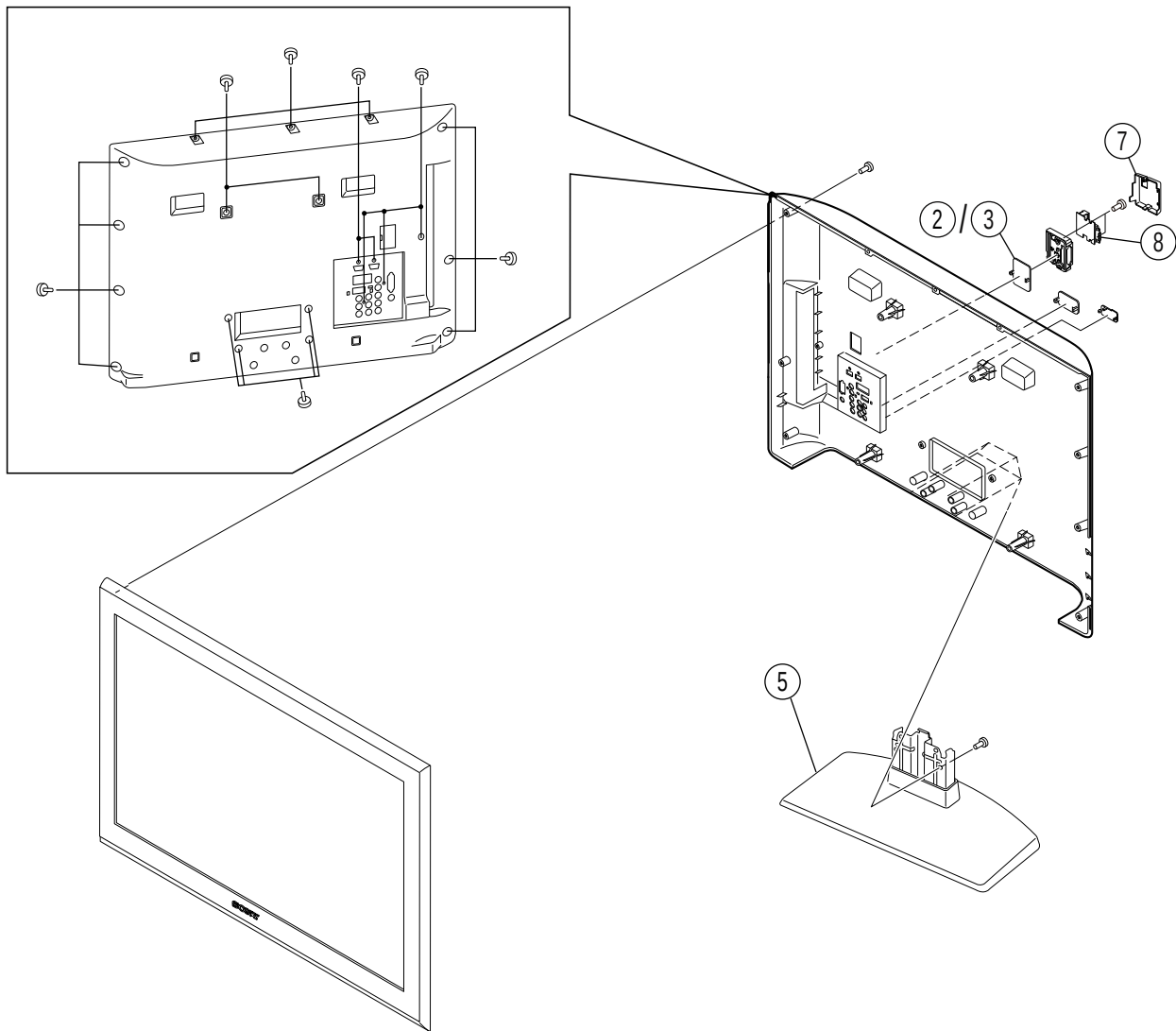
REF. NO.	PART NO.	DESCRIPTION	REMARK
1	X-2345-139-2	REAR COVER (32) ASSY	
	X-2348-751-1	REAR COVER (32) ASSY	
2	-----	Not Supply-----	
3	-----	Not Supply-----	
4	* 4-127-924-02	COVER, ECS(S)	
7	* 4-111-643-01	R BRACKET (TOP)	
8	* A-1565-554-A	R2 MOUNT	

8-2-2. BOARDS, SPEAKERS, BEZEL AND PANEL (refer Page 37)



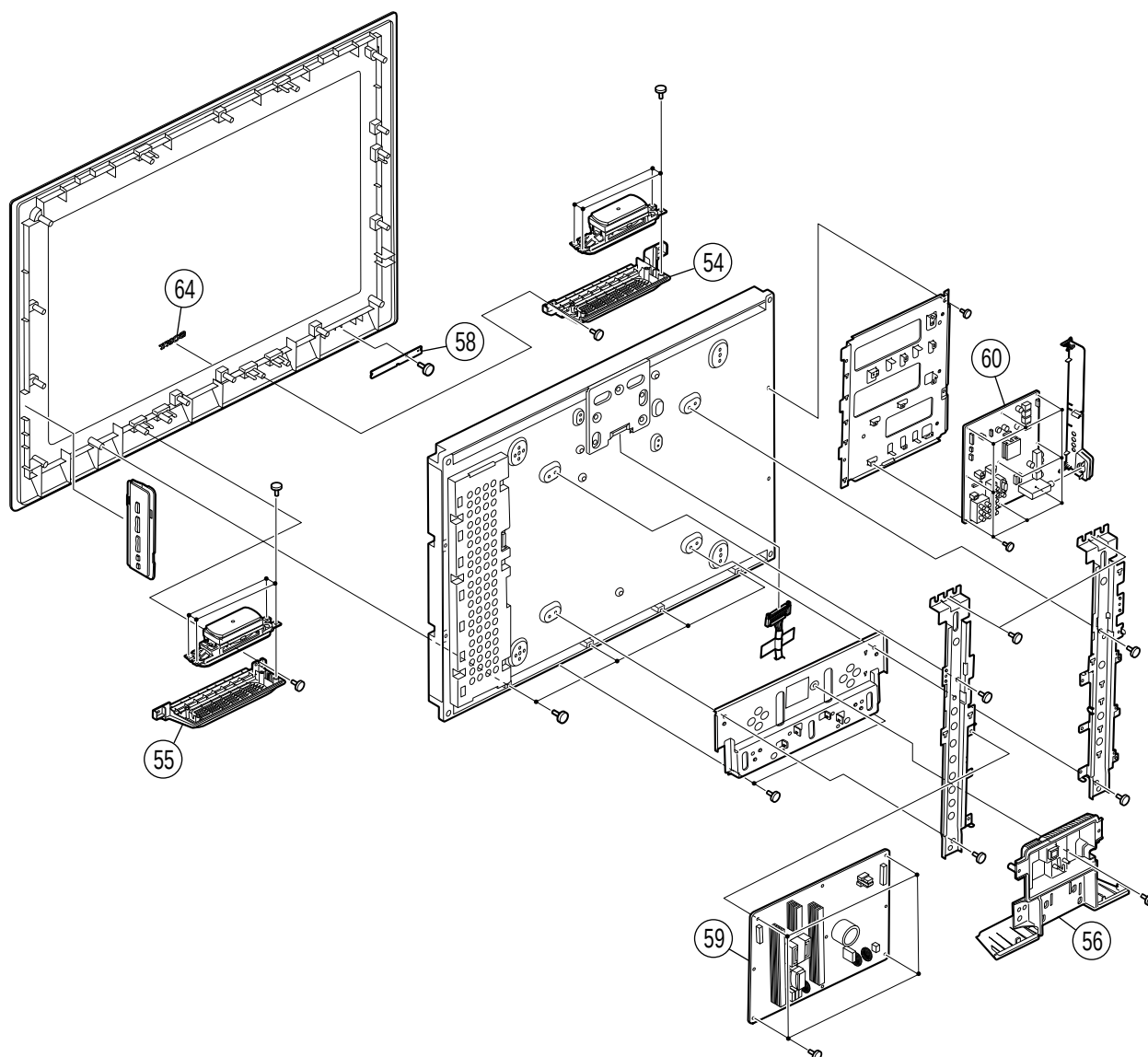
REF. NO.	PART NO.	DESCRIPTION	REMARK
52	△ 1-802-932-11	LCD PANEL (32 INCH WXGA TFT)	
	△ 1-802-932-32	LCD PANEL (32 INCH WXGA TFT)	
54	X-2515-157-1	BAFFLE, SP (32/37L) ASSY	
55	X-2515-158-1	BAFFLE, SP (32/37R) ASSY	
58	* A-1663-488-B	HT1 MOUNT	
59	* A-1663-495-B	GT3 COMPLETE	
60	□ A-1739-081-A	BT2 MOUNT (SERVICE)	
61	4-103-642-21	EMBLEM, SONY NO.8	

8-3. KLV-37S550A/1, 37S550A/3
8-3-1. R2 BOARD, REAR CABINET AND STAND ASSY (refer Page 38)



REF. NO.	PART NO.	DESCRIPTION	REMARK
2	-----Not Supply-----		
3	-----Not Supply-----		
5	X-2345-159-2	STAND ASSY (ML1)	
7	* 4-111-643-01	R BRACKET (TOP)	
8	* A-1565-554-A	R2 MOUNT	

8-3-2. BOARDS, SPEAKERS, BEZEL AND PANEL (refer Page 39)



REF. NO.	PART NO.	DESCRIPTION	REMARK
54	X-2515-157-1	BAFFLE, SP (32/37L) ASSY	
55	X-2515-158-1	BAFFLE, SP (32/37R) ASSY	
56	4-125-786-02	COVER, UNDER (37)	
58	* A-1663-488-B	HT1 MOUNT	
59	1-474-161-12	POWER UNIT	
60	Ⓐ A-1739-123-A	BT2 MOUNT (SERVICE)	
64	4-103-642-21	EMBLEM, SONY NO.8	

SECTION 9
ELECTRICAL PARTS LIST

REF NO.	PART NO.	DESCRIPTION	REMARK
9-1. KLV-26S550A/1, 26S550A/3			
	⏏ A-1738-901-A	BT2 MOUNT (SERVICE)	
	* A-1665-115-B	GT3 COMPLETE	
	* A-1663-488-B	HT1 MOUNT	
	* A-1565-554-A	R2 MOUNT	

		ACCESORIES AND PACKING MATERIALS	

	X-2342-530-2	BAG ASSY, FALL LOCK BELT	
	* 4-140-605-01	CUSHION LOWER	
	* 4-140-604-01	CUSHION UPPER	
	* 4-127-335-02	INDIVIDUAL CARTON	
	4-130-985-13	MANUAL, INSTRUCTION	
	4-130-985-23	MANUAL, INSTRUCTION	
	4-130-985-33	MANUAL, INSTRUCTION	
	4-130-985-43	MANUAL, INSTRUCTION	
	4-130-985-54	MANUAL, INSTRUCTION	
	4-130-985-63	MANUAL, INSTRUCTION	

		CONNECTORS	

	* 1-910-049-38	CONNECTOR ASSY 6P (CN001(R2)-C9003(BG1)(1)(FOR EG1L(GA)ONLY)/ CN001(R2)-CN3003(BT2)(1)(FOR EX2T ONLY))	

		MISCELLANEOUS	

	4-100-136-01	SHEET(CORE), C (MAIN BKT(4) FRM BTM(1) FRM SPN(1) PANEL(2))	

9-2. KLV-32S550A/1, 32S550A/3			
	⏏ A-1739-081-A	BT2 MOUNT (SERVICE)	
	* A-1663-495-B	GT3 COMPLETE	
	* A-1663-488-B	HT1 MOUNT	
	* A-1565-554-A	R2 MOUNT	

		ACCESORIES AND PACKING MATERIALS	

	X-2348-141-2	BAG ASSY(L), FALL LOCK BELT	
	* 4-140-606-01	INDIVIDUAL CARTON	
	4-130-985-13	MANUAL, INSTRUCTION	
	4-130-985-23	MANUAL, INSTRUCTION	
	4-130-985-33	MANUAL, INSTRUCTION	
	4-130-985-43	MANUAL, INSTRUCTION	
	4-130-985-54	MANUAL, INSTRUCTION	
	4-130-985-63	MANUAL, INSTRUCTION	

REF NO.	PART NO.	DESCRIPTION	REMARK
		CONNECTORS	

	* 1-910-053-52	CONNECTOR ASSY 14P (INV-CN6201(GT3)-CN7001(BT2)(1)	
	* 1-910-049-38	CONNECTOR ASSY 6P (CN001(R2)-C9003(BG1)(1)(FOR EG1L(GA)ONLY)/ CN001(R2)-CN3003(BT2)(1)(FOR EX2T ONLY)	
	1-836-846-11	LEAD WIRE WITH CONNECTOR(LVDS) (CN3000(BT2)-TCON(1)	
	1-836-846-21	LEAD WIRE WITH CONNECTOR(LVDS) (CN3000(BT2)-TCON(1)	
	* 1-910-053-25	SP CONNECTOR ASSY 4P (CN2000(BT2)-SP(1)	

		MISCELLANEOUS	

	4-100-136-01	SHEET(CORE), C (FRM MAIN(5) FRM BTM(2) FRM SPN(2) PANEL(1) SP(2)	

9-3. KLV-37S550A/1, 37S550A/3			
	⏏ A-1739-123-A	BT2 MOUNT (SERVICE)	
	* A-1663-488-B	HT1 MOUNT	
	1-474-161-12	POWER UNIT	
	* A-1565-554-A	R2 MOUNT	

		ACCESORIES AND PACKING MATERIALS	

	X-2342-530-2	BAG ASSY, FALL LOCK BELT	
	* 4-140-603-01	INDIVIDUAL CARTON	
	4-130-985-13	MANUAL, INSTRUCTION	
	4-130-985-23	MANUAL, INSTRUCTION	
	4-130-985-33	MANUAL, INSTRUCTION	
	4-130-985-43	MANUAL, INSTRUCTION	
	4-130-985-54	MANUAL, INSTRUCTION	
	4-130-985-63	MANUAL, INSTRUCTION	

<u>REF NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>	<u>REF NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
		CONNECTORS *****					
	* 1-910-049-38	CONNECTOR ASSY 6P (CN001(R2)-C9003(BG1)(1) (FOR EG1L(GA)ONLY)/ CN001(R2)-CN3003(BT2)(1)(FOR EX2T ONLY))					
	1-836-566-21	LEAD WIRE WITH CONNECTOR(LVDS) (CN3000(BT2)-TCON(1))					

Specifications

Model name	KLV-37S550A	KLV-32S550A	KLV-32S530A	KLV-26S550A	
System					
Panel System	LCD (Liquid Crystal Display) Panel				
TV System	B/G, I, D/K, M				
Colour System	PAL, PAL60, SECAM, NTSC4.43, NTSC3.58				
Channel Coverage	B/G: VHF: E2 to E12/ UHF: E21 to E69/ CATV: S01 to S03, S1 to S41 VHF: 1 to 11/UHF: 21 to 69/ CATV: S01 to S03, S1 to S41 (New Zealand only) I: UHF: B21 to B69/ CATV: S01 to S03, S1 to S41 D/K: VHF: C1 to C12, R1 to R12/ UHF: C13 to C57, R21 to R60/ CATV: S01 to S03, S1 to S41, Z1 to Z39 M: VHF: A2 to A13/ UHF: A14 to A79/ CATV: A-8 to A-2, A to W+4, W+6 to W+84				
Sound Output	10 W + 10 W			8 W + 8 W	
Input/Output jacks					
Antenna	75 ohm external terminal				
 1, 2	Video input (phono jack)				
 1, 2	Audio input (phono jacks): 500 mVrms, Impedance: 47 kilohms				
	Supported formats: 1080p (50/60 Hz), 1080i (50/60 Hz), 720p (50/60 Hz), 576p, 576i, 480p, 480i Y: 1 Vp-p, 75 ohms, 0.3V sync negative/Pb/Cb: 0.7 Vp-p, 75 ohms/Pb/Cr: 0.7 Vp-p, 75 ohms				
	Audio input (phono jacks): 500 mVrms, Impedance: 47 kilohms				
	Video output (phono jack)				
	Audio output (phono jacks)				
HDMI IN (KLV-32S530A) HDMI IN 1, 2 (KLV-37S550A/ KLV-32S550A/KLV-26S550A)	Video: 1080p (50/60 Hz), 1080i (50/60 Hz), 720p (50/60 Hz), 576p, 576i, 480p, 480i				
PC IN  (RGB)	PC Input (D-sub 15-pin) (see page 21) G: 0.7 Vp-p, 75 ohms, non Sync on Green/B: 0.7 Vp-p, 75 ohms/ R: 0.7 Vp-p, 75 ohms/HD: 1-5 Vp-p/VD: 1-5 Vp-p				
PC IN 	PC audio input (mini-jack)				
	Headphones jack				
Power and others					
Power Requirements	110–240 V AC, 50/60 Hz 220–240 V AC, 50/60 Hz (New Zealand and Tunisia only)				
Screen Size (inches)	37	32		26	
Display Resolution	1,366 pixels (horizontal) × 768 lines (vertical)				
Power Consumption	Indicated on the rear of the TV.				
Dimensions (w × h × d)*	with stand (mm)	927 × 627 × 259	807 × 557 × 222	807 × 557 × 222	679 × 485 × 222
	without stand (mm)	927 × 574 × 103	807 × 508 × 102	807 × 508 × 102	679 × 435 × 101
Mass*	with stand (kg)	16.1	13.1	13.1	10.0
	without stand (kg)	14.3	12.0	12.0	8.7
Optional Accessories	Wall-Mount bracket	SU-WL500 or SU-WL50B			SU-WL100

* Dimensions and mass are approximate values.

Design and specifications are subject to change without notice.

Instructions on "Installing the Wall-Mount Bracket" are not supplied in the form of a separate leaflet with this TV. These installation instructions are included within this TV's instructions manual.

Printed on 70% or more recycled paper using VOC (Volatile Organic Compound)-free vegetable oil based ink.

<http://www.sony.net/>

Printed in Malaysia



Customer support

<http://www.sony-asia.com/support>



* 4 1 3 0 9 8 5 1 1 * (1)